



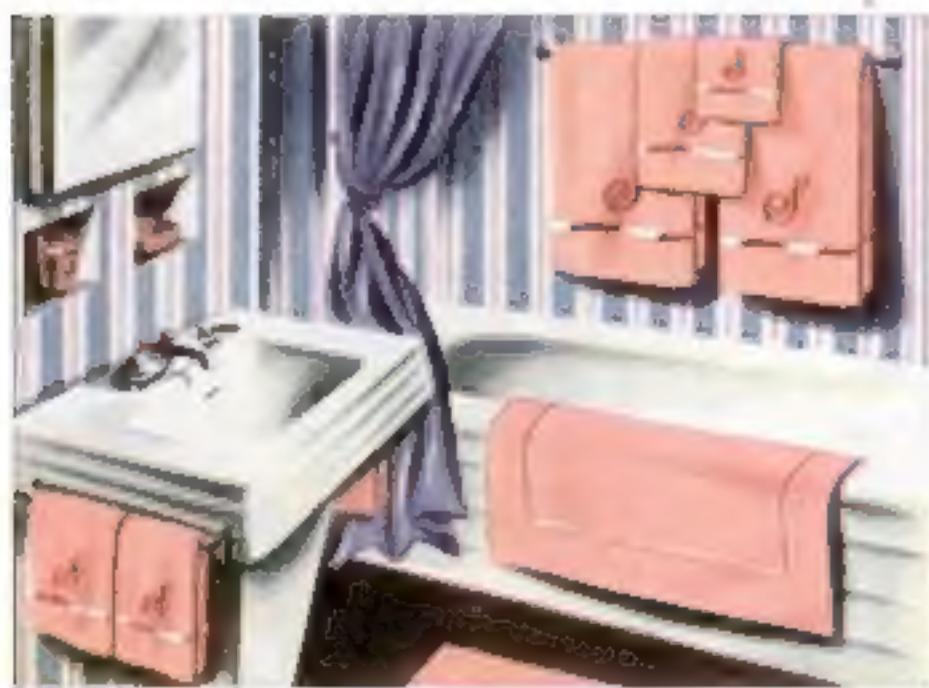
USO VICTORY BELLE

JUNE 29, 1942 10 CENTS
YEARLY SUBSCRIPTION \$4.50



"Cannon towels are good outdoor sports, too!"

Outdoors or in, Cannon towels are always "good sports" . . . and being so is extra important these days when all must stand up to new, greater demands. Cannon towels are built to "take it," to survive a he-man's hearty rub-tugs, and endless launderings. Yet Cannon towels are gentle and relaxing to the touch, too. A happy blend of beauty, softness, strength. Definitely thoroughbreds. Now that care-in-buying is a national wisdom, it is significant that these *long-wearing* Cannon towels are preferred by the vast majority of American home-makers.



DEPENDABLE DEFENDERS OF THE BUDGET to gladden the eye and spark up the morale. Matched sets like this are delightful companions of the bath that make your whole family feel like special guests.



Cannon Towels
CANNON SHEETS CANNON HOSIERY

This is an American child.
 This is an American home.
 Lucky young American.
 No child in the World has so bright a future.



We see her the Woman—loyal, helpful and smiling—with a Smile that owes much to her Lifelong use of Ipana and Massage.

She could belong to no other country. In her are summed up all the efforts and strivings of the past—all our hopes for the future. If you have a daughter like this, how proud you must be of your share in her destiny—proud that she can face the world strong in body and mind, confident and smiling!

Yes, smiling! For this little girl knows well a lesson in dental health that many grown-ups have yet to learn. Today, in thousands of American classrooms,* youngsters are being taught the im-

portance of firm, healthy gums to bright teeth and sparkling smiles.

These young Americans know that today's soft foods rob our gums of work and stimulation. They know why gums tend to become soft, tender... often signal their sensitiveness with a warning tinge of "pink" on your tooth brush!

Never Ignore "Pink Tooth Brush"

If you see "pink" on your tooth brush... see your dentist. He may simply say your gums have become tender because of today's soft foods. And, like many modern dentists, he may suggest "the healthful stimulation of Ipana and massage."

Ipana is designed not only to clean teeth but,

with massage, to aid gums. Massage a little Ipana onto your gums when you brush your teeth. Circulation quickens in the gums—helps them to healthier firmness. Let Ipana and massage help you to brighter teeth, firmer gums, a more sparkling smile!



Ipana Tooth Paste

Product of Bristol-Myers



MILLIONS LISTEN EVERY TUESDAY NIGHT. FIBBER McGEE AND MOLLY REHEARSE WITH HARLOW WILCOX AND THEIR MUSICAL DIRECTOR, BILLY MILLS

FIBBER McGEE & MOLLY'S SPONSOR KNOWS THERE'S A WAR GOING ON!

EVERY family must re-focus its design for living. Every business must re-schedule its design for producing. Time was when the sponsor of Fibber McGee and Molly advertised wax polishes primarily for home use. But the war has changed that. Now Johnson's Wax Polishes are doing war duty, too. And new finishes have been formulated for service in factories, in training camps, overseas. Just a few of the many interesting new developments in protective coatings by the makers of Johnson's Wax are pictured on these pages.



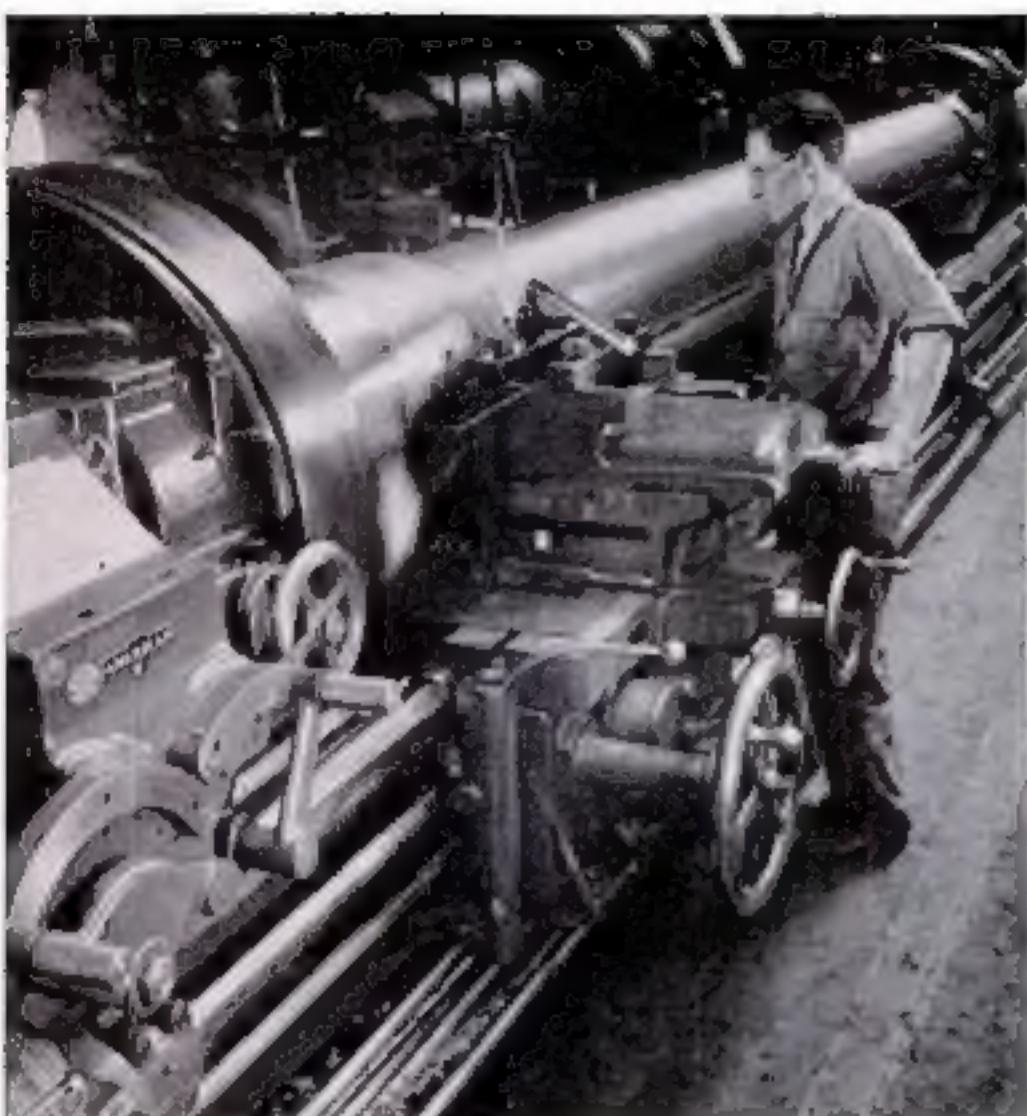
Navy planes need protection from the sea's briny breath. Salt air and water quickly corrode painted and doped surfaces, unless they are treated. A special Johnson's Wax meets the Navy's rigid specifications for this purpose.



Army textiles are often specially treated to make them more water-repellent. A new Johnson wax emulsion makes textiles soil-resistant and hold press longer in addition to more water-repellent. Photo, U. S. Army Signal Corps.



Tires, and all other rubber articles, must be conserved for the duration. Johnson's Wax Rubber Dressings are widely used to prevent deterioration, to retard oxidation. They are easy to apply, water-repellent, non-flammable.



More light for factories steps up efficiency. Johnson's Wax-Fortified Paints resist soiling—after long service often provide as much as 20% more light reflection than ordinary paints. Recommended for walls, machines.



Wartime housing projects are being rushed to completion in many areas. Johnson's Paints (both interior and exterior) and Johnson's Waxes are being used increasingly in homes under construction for war workers.



Many army cots now in service are finished with Johnson's Wax-O-Namel—enamel made more durable by impregnation with wax. Also used on shell cases, gasoline tanks, machinery, tools, etc. Photo by U.S. Army Signal Corps.



Floors in USO centers and other service clubs take a daily beating. Many such floors are protected against wear by Johnson's Wax Polishes developed specially for heavy traffic areas. Maintenance is greatly simplified.



Black oxidizing processes are now replacing metal plating which is unavailable in wartime. For surfaces so treated, Johnson's rust-inhibiting waxes are meeting the need for a dry, dull-black protective finish.



Leather articles last far longer, look much better, when they are wax-protected. Johnson supplies a special wax finish to prime contractors for application to Marine belts, pistol holders, gun boots, Navy gun bloomers, etc.

Manufacturers with protective finishing problems related to War production are invited to write S. C. Johnson & Son, Inc., Racine, Wisconsin

How Women Are Using Johnson's Wax Polishes to Practice Conservation in the Home



Home conservation is important, too. With OPA urging families "to take good care of the things they have," more and more women are using Johnson's Wax regularly to protect their floors, woodwork and furniture from wear and dirt.



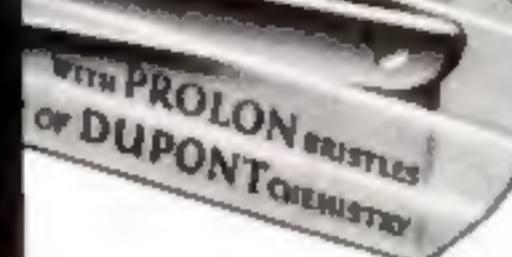
Longer life for linoleum! Regular use of Johnson's Self-Polishing Glo-Coat saves harmful scrubbing—makes linoleum wear from 6 to 10 times longer. Glo-Coat is easy to apply. It shines as it dries without rubbing or buffing.

Copyright, S. C. Johnson & Son, Inc., 1942

THEY SAY HE USED
TO BE A BIG SHOT IN
THE BRUSH WORLD



For years hog bristle made the best brushes...then along came Pro-phy-lac-tic's **PROLON**



Du Pont chemists have outdone the hog—

There is no better bristle than Pro-phy-lac-tic's synthetic "PROLON"

When you hear competitive tooth brush claims, think this over: du Pont is "tops" when it comes to making synthetic bristle! And "Prolon" is Pro-phy-lac-tic's name for du Pont's finest grade.

So, how can the same du Pont bristle, in another brush under another name, last longer than under the name "Prolon" in a Bonded Pro-phy-lac-tic Tooth Brush? You know the answer—it can't!

"Prolon", on the other hand, has a mighty important *plus* over any other synthetic bristle sold under any other name...only "Prolon" is rounded at the ends! See for yourself, in the photomi-

crographs, the difference between the rounded bristle-ends of "Prolon" and the harsh, jagged points of ordinary bristle. Think of the difference on your gums!

The only Tooth Brush in the World with:

1...ROUND-END BRISTLE



2...SIX MONTHS MONEY-BACK GUARANTEE

We have no way of telling how long a Bonded Pro-phy-lac-tic Tooth Brush will last you...maybe a year, 18 months, even longer. We can, and do, however, give a clear-cut 6-months money-back guarantee with each brush—the only brush in the world with this definite 6-months guarantee of service. That's how sure we are of its dependability and durability!

PRO-PHY-LAC-TIC BRUSH CO., Florence, Mass.

...and don't miss this new line of gem-like, transparent hair brushes!

Pro-phy-lac-tic's latest triumph! Dresser and toilet brushes in crystal-clear plastic. Choice of four gleaming, jewel colors. Transparent Jewelite backs. Moisture-resistant bristles of du Pont Prolon. \$1.50 to \$10.00—at most brush-goods counters. Illustrated Roll-Wave, a unique "carved-to-the-head" brush...with comb, \$4.50



Jewelite Brushes by Pro-phy-lac-tic

**LETTERS
TO THE EDITORS
NURSES' AIDE**

Sirs:

I congratulate Lorraine Ames for her Nurses' Aide article (LIFE, June 8). But, though I held my breath from beginning to end, nowhere did I find her write or infer that one of her most difficult tasks was combating the resentment of some of the smaller-minded registered nurses. As a nurse, I know too many R. N.'s who are afraid these aides are learning too much. They are making life more difficult for the noble women who are relieving the pressure on the present-day hospital and allowing more registered nurses to join the armed forces.

Lorraine Ames did not make it clear enough that she and her fellows are doing this in an emergency and have had to take back-breaking jobs in their stride in just a few short weeks—jobs that we nurses had three full years to become accustomed to. Nowhere does she point out that the aides are not paid a cent.

Every nurse in the country should thank her lucky star (and the majority do) when she sees one of those blushing little sisters coming to her aid, and should do all in her power to make the volunteer's life easier.

**RUTH HOLT CROWLEY, R.N.,
Oak Park, Ill.**

MARINETTES

Sirs:

The picture of women being sworn into the U. S. Marine Corps (LIFE, June 8) will be viewed with much distaste by the 313 women who had the distinction of enlistment in the Marine Corps during the First World War.

Your reference to their uniforms implies that those pictured are the uniforms actually furnished by the Marine Corps to its female reservists. Anyone with half an eye could see that they were borrowed for the occasion, because on enrollment no uniforms would have been available, and I have yet to know of a woman having qualified for a sharpshooter's badge in the U. S. Marines.

In due course each woman was furnished with a uniform tailored to her measurements. If ever there was a woman's uniform more snappy than those furnished the Marine Reservists (I), I have yet to see it. I was lucky enough to have been one of those "hellcats," still have my uniform and what's more I can still wear it.

Anyone taking liberties with the Marines (even female) is quite apt to hear of it.

**PEGGY CHENEY
Ex-Corporal, U.S.M.C.R. (f)
West Hartford, Conn.**

Sirs:

Here is probably the first female to wear, legitimately, the uniform of the U. S. Army. It may not look military but it is the female duplicate of the co-



© C. STONER DISTER

MARY TEBE IN ZOUAVE UNIFORM

tume worn by the Collis Zouaves (114th Pa.). Her name was Mary Tebe and she served as vivandiere with her regiment at Gettysburg.

**MARGUERITE Y. LARNED
New York, N. Y.**

(continued on p. 6)

**Bet this'll
catch
your ear!**



YOU MAY BE DEAF to what we tell you about softness in sanitary napkins. After all, we make Modess. You may think we're prejudiced. But what 14,000 women say should make you sit up and cock an ear!



YOU'LL HEAR 14,000 VOICES! They belong to girls like you—who compared their usual napkin with Modess*—in a nationwide test. And 3 out of every 4 found Modess softer! Listen to that!



ACT QUICK! Do try Modess. If you don't agree with millions that it's the softest, most comfortable napkin you've ever used, mail us the package insert with a note stating your objections. We'll refund your full purchase price. Buy Modess today!

*Let us send you full details of this amazing Softness Test. Write The Personal Products Corporation, Milltown, N. J.

**3 out of every 4 voted
Modess
softer**

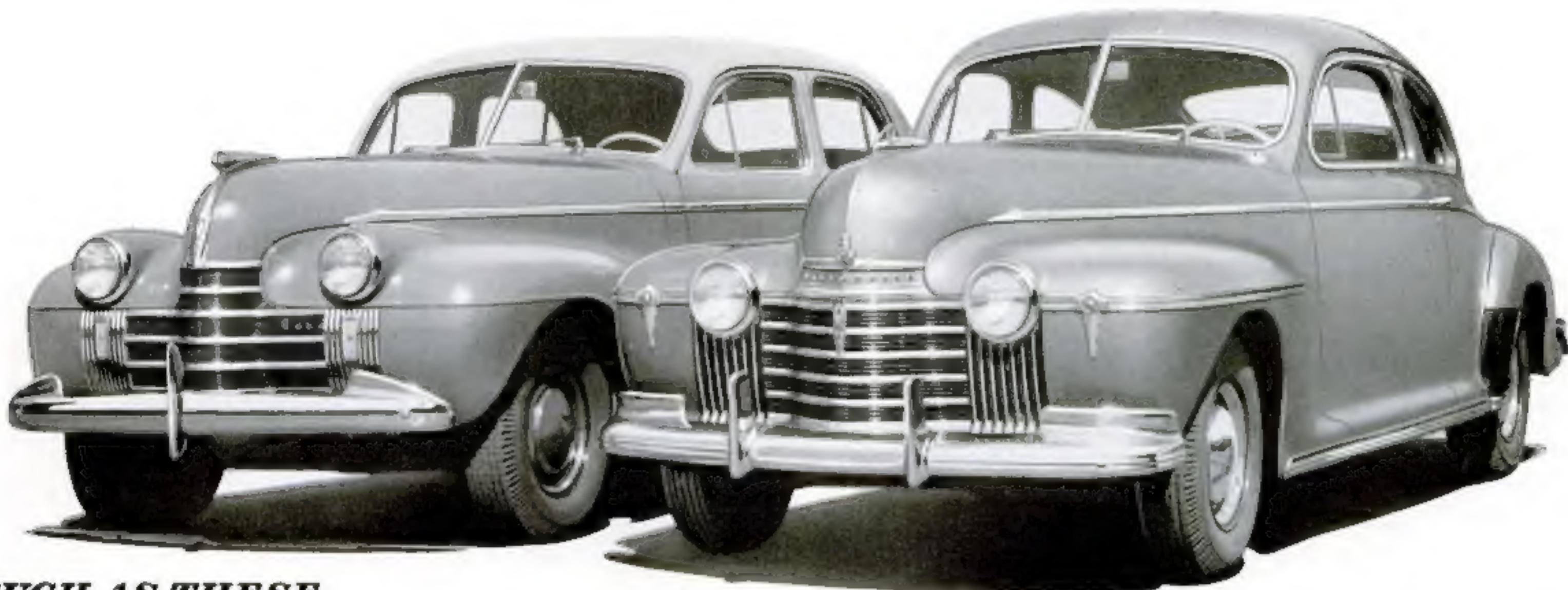
**Regular size or Junior? Yes—
Take your pick when you buy Modess!**



**TRADE-IN YOUR GAS-WASTER
FOR A GAS-SAVER!**



"GAS-SAVING SPECIAL" USED CARS



SUCH AS THESE

NEXT-TO-NEW 1940 AND '41 OLDSMOBILES!

*All with tires with
plenty of tread!*



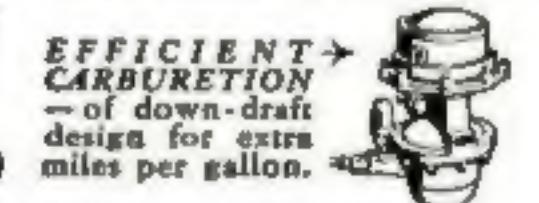
HERE'S an opportunity that may not come again until the war is over. Oldsmobile dealers are offering a special selection of economy-conditioned, late-model used cars to replace the thousands of "gas-wasters" still on the roads. They're the last of the trade-ins on pre-war cars. They're cars bought back from men who joined the Service. They're 1940 and '41 models, with plenty of good, safe, dependable miles left in them. Many are Oldsmobiles! Every one

has been tuned and adjusted to give you extra miles from war-grades of fuel. Every car in this special group has plenty of tread on its tires to last you a long, long time. Now is the time to think about what you'll be driving until new cars are built again. Now is the time to trade in your "gas-waster" for a *gas-saver*! Get the car that'll take you most miles per gallon, from your local Oldsmobile dealer. No priority purchase certificates are necessary.

WHY THESE LATE-MODEL OLDSMOBILES GIVE MORE MILES PER GALLON:



ECONO-MASTER ENGINE
—named and famed for its record-breaking gas mileage.



EFFICIENT CARBURETION
—of down-draft design for extra miles per gallon.



VACUUM FUEL SAVER
—automatically adjusts spark to each speed and load condition for thriftiest operation.

PLUS ALL THESE LONG-LIFE FEATURES

Electro-Hardened Aluminum Pistons; Completely Cooled Cylinders; Rifle-Drilled Connecting Rods; 100% Full-Pressure Lubrication; Heavy-Duty Air-Cooled Generator; Sturdy Fisher Body; Rigid X-Member Frame; Knee-Action Wheels; Modern Coil Springs All Around; 7-Bearing Hypoid Rear Axle; Super-Hydraulic Brakes; and (on many models) gas-saving, engine-saving, car-saving HYDRA-MATIC DRIVE!

OLDSMOBILE DEALERS OF AMERICA

This One



Y426-583-BR8X

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"My hair stays good-looking since I checked dry scalp!"

Dousing didn't work!

I used to douse and soak my hair because it was dry. But instead of helping, it made things worse! My hair looked limp and plastered-down half of the time—dry and mussed up the rest of the time! Then I discovered that dousing wasn't necessary—not with 'Vaseline' Hair Tonic! And boy, what a difference that made in the looks of my hair!



How's this for a change?

When I comb my hair now, I just put a few drops of 'Vaseline' Hair Tonic on my comb. Sometimes I put a little on my fingers and apply it directly to my scalp. This checks dry scalp because it supplements the natural scalp oils. What's more it makes my hair easier to comb, and gives it a natural, healthy appearance. Of course, I ought to mention that I give my scalp a thorough massage with 'Vaseline' Hair Tonic before I wash my hair—and rub a little on my scalp after the shampoo. That helps to check loose dandruff scales, keeps both my hair and scalp in better condition.



'Vaseline' Hair Tonic is different, containing no ingredient that has a drying effect.

● FOR DOUBLE CARE...
BOTH SCALP AND HAIR!

40¢
and
70¢

Vaseline HAIR TONIC

REG. U. S. PAT. OFF.

COPR. 1942, CHESSBROUGH MFG. CO., CONS'D.

LETTERS TO THE EDITORS

(continued)

BROWN'S AUSSIES

Sirs:

Twenty bottles of beer a day! Not mere dinky little 12-oz. bottles but tall quarts, as evidenced by your picture of the stacks of empties (LIFE, June 8), with an alcoholic content much higher than the American fluid. Take a swig of Tooheys, Carlton, Cascade, Swan, Bulimba or Ballarat and one finds the beer around 8%—a good solid beverage. This beer in quarts costs "two bob" (two shillings) a bottle. Twenty bottles of beer would cost a bloke 40 bob—at the present rate of exchange that amounts to \$6.46. Just imagine a soldier or any other bloke spending that sum on his own unquenchable thirst! If a digger consumed half that quantity, say 10 bottles per day, the whole Army would be "blotto" and the breweries couldn't keep up with the demand.

Australians are a beer-drinking nation, but they are still way behind Americans. Americans consume 13 gal. of beer per capita per annum, Aussies 8.2. Americans consume 3.2 gal. of wine, Aussies 2.4. In the hard-tack field Americans sink four and one-half times more whiskey, etc. than Australians.

M. P. GREENWOOD ADAMS
Flushing, N. Y.

Sirs:

I am moved by your pictures from Australia, particularly the one that shows the "Clark Gables" giving eyes right to the Australian girls.

Our husbands and sweethearts are sent across to Australia. Of course, the girls are nice to them. They can go picnicking, bathing and dancing—and take our places. What infuriates me: why must the pictures of our boys, always with Australian girls, be flaunted before us all the time? It can't make us any happier.

MRS. R. M. BEHRENS
Atwood, Ill.

Sirs:

Mr. Cecil Brown's story has helped me to like the Australians by its light on their weaknesses as well as their goodness.

JOSEPH FRANKLIN WALTON
Washington, D. C.

LOST DOG

Sirs:

Three months ago Carolina Jack, my prize pointer, disappeared from my home at 2250 North Lexington St., Arlington, Va. Jack had the distinction of having made the Picture of the Week in LIFE, July 29, 1940, when he was photographed with Mr. Wendell Willkie on the lawn at Colorado Springs. Jack



TRUANT CAROLINA JACK

did not move into the White House with Mr. Willkie. He did, however, establish connections there through me as captain of the White House police force, when his former owner, John M. Hollsworth, presented him to me.

As a more distinctive mark of identity, he has a perfectly formed brown spot over his tail of the shape and size of a baseball; also a wart on the top of

(continued on p. 8)



SAVE GAS

SAVE,
GASOLINE!

Dirty as well as worn spark plugs waste as much gas as one gallon in every ten. America cannot afford that waste. Neither can you, so,—

Have your spark plugs cleaned and adjusted every 4,000 miles.

Replace badly worn plugs, promptly, with new AC's.

GET PLUGS CLEANED
where you see this Sign



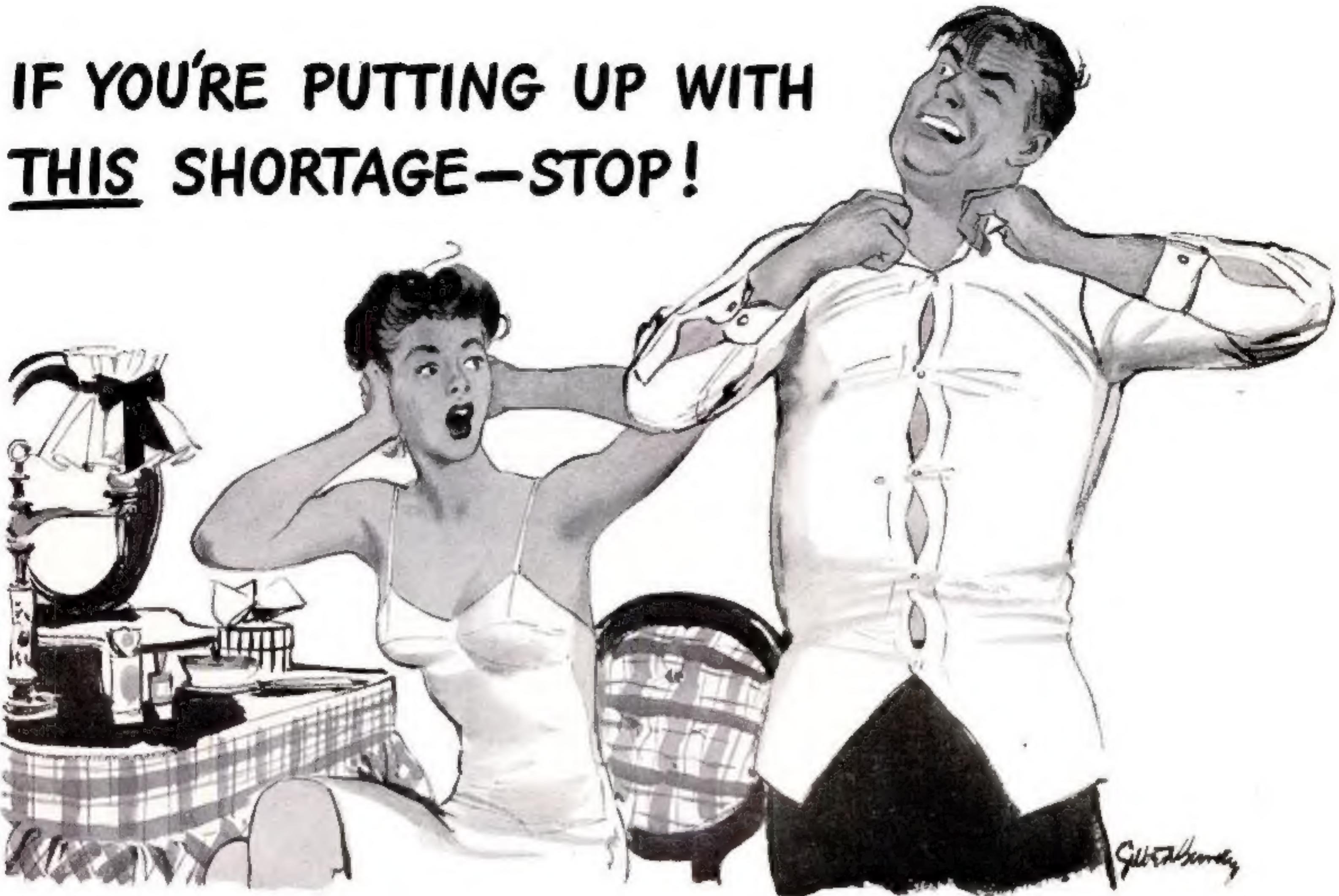
KEEP 'EM ROLLING

Do Your Part—
Buy War Bonds



AC SPARK PLUG DIVISION
General Motors Corporation

IF YOU'RE PUTTING UP WITH THIS SHORTAGE—STOP!



You are willing to put up with lots of shortages to win this war. But one thing you don't have to put up with is shirts that choke and throttle you! There's no reason or excuse for throwing money away on a shirt that won't keep its fit—that you won't be able to wear until it wears out! And don't let anyone tell you any different. Just say:

"I WANT SANFORIZED!"



If a clerk tells you you can't get "Sanforized" protection because of war demands... tell him to go choke himself!

The OPA says: "Pre-shrunk garments are available to civilians as they have been in the past. Consumers should continue to look for them, in order to obtain good value for their money." So demand the "Sanforized" tag that says the fabric won't shrink more than 1%, by standard tests.

"SANFORIZED—OR NOTHING!"



If your store isn't carrying shirts and men's wear with the "Sanforized" label, walk out. There are plenty of stores that do have them... in your favorite make and size.

When you plunk your dollars on the counter these days, you want to get clothes that last—clothes that wear comfortably until they wear out. And that means hollering for the "Sanforized" label.

—AND THE LADIES HOLLER, TOO!



Women should yell for "Sanforized" these war days. Skirts are shorter, seams narrower, styles more form-fitting... to save materials.

When these streamlined numbers hit the tub, *watch out*—unless their permanent fit is assured by the "Sanforized" label.

Look for this label. *Insist* on it. It's the way to save clothes, the way to save money, and avoid waste!

WAR-WORK CLOTHES for men and women have the "Sanforized" label. Be sure you see it before you buy coveralls, slacks, and all other washables... on children's clothes and nurses' uniforms, too!

SANFORIZED
REG. U. S. PAT. OFF.

Checked standard of the trade-mark owner

The "Sanforized" trade-mark is used by manufacturers on "Compressive Pre-Shrunk" fabrics only when tests for residual shrinkage are regularly checked, through the service of the owners of the trade-mark, to insure maintenance of its established standard by licensed users of the mark.

Cluett, Peabody & Co., Inc.

FOR PERMANENT FIT... INSIST ON THE "SANFORIZED" LABEL

Sunbeam SHAVEMASTER

REG. U. S. PAT. OFF.

"KEEPS 'EM SHAVING"

IN QUICK, CLOSE MODERN COMFORT

"Here in Panama I find that an electric shaver is worth its weight in gold, especially if it is a Sunbeam Shavemaster."

Army Man

"My army life has taken me to Iceland and back. All this time I've used nothing but my Sunbeam Shavemaster. I beat everyone in the morning shaving and time means a lot in this man's army."

Army Man

"Have been on a submarine since 1925 and use a Sunbeam Shavemaster with satisfaction. Since few of our crew have such a luxury I'm called on all the time for the loan of mine."

A Navy Man

"My Sunbeam Shavemaster certainly does the job. All the cadets who have used it are envious. They all want my Shavemaster."

A Flying Cadet



A FAVORITE OF MEN IN THE SERVICE

SHAVEMASTER OWNERS!

KEEP YOUR SHAVEMASTER FAST AND KEEN AS THE DAY IT LEFT THE FACTORY

NEW SELF-SHARPENING COMPOUND

Sharpen in a jiffy! Use once every two or three months!



Put compound on comb-run motor. Then clean and replace comb and cutter. Fast! Efficient!

If you own a Shavemaster, get a tube of this Self-Sharpening Compound from your dealer. When selecting an electric shaver for yourself—or for the friend or relative with Uncle Sam's forces—get the one that shaves close as a straight-edge and faster—and maintains its efficiency year after year.

Made and guaranteed by CHICAGO FLEXIBLE SHAFT COMPANY, 5600 Roosevelt Rd., Dept. 53, Chicago
Canada Factory: 321 Weston Rd., So., Toronto. Over Half a Century Making Quality Products

Famous for Sunbeam TOASTER, MIXMASTER, COFFEEMASTER, IRONMASTER, etc.

Men like Shavemaster because its patented construction makes possible a quick, efficient method of self-sharpening. The new exclusive Compound keeps Shavemaster fast and smooth as the day it left the factory. Always ready for a fast, close shave without muss or fuss.

Sunbeam engineers know from over 50 years' experience making clipping and shearing machines, and many years in the development and manufacture of electric shavers, that any cutting instrument, whether it is a simple scissors, a clipping machine—or any electric shaver—must have its cutting edges revived from time to time. Thus they developed the amazingly simple and easy way to sharpen Shavemaster. It is one of the reasons why men in the service are so enthusiastic about Shavemaster.

LETTERS TO THE EDITORS

(continued)

his head which comes with age in dogs. His age is just short of nine years. Some place, somewhere he is probably hoping to be found and returned to his, at present, unhappy home.

HERBERT L. MARCEY
Washington, D. C.

YOUNGEST VETERAN

Sirs:

If Buzz Wagner is the youngest lieutenant colonel in the U. S. Army (LIFE, June 1), then Olen English is a much younger member of the Veterans of Foreign Wars.

At 16, he has been honorably discharged from the U. S. Army with citation for his services in Hawaii on Dec. 7.



A VETERAN AT 16

When the Jap attack came, English was gun commander of a .50-cal. machine gun. His gun was responsible for bringing down one plane and damaging another while his company was responsible for downing seven Japanese planes.

He would still be in the Army but for the fact that his mother, anxious to see him, wrote to his captain revealing his true age. After being sworn into the V. F. W. young Olen said that when he gets old enough he plans to re-enlist and shoot down some more Japs.

TECK JONES

Laurel, Miss.

LITTLE SUIT

Sirs:

Stimulated by all the material in LIFE about conservation of clothing, I decided to convert a discarded suit of my husband's to active use. After



BOY WEARS FATHER'S SUIT

many hours of basting, ripping and fitting on our squirming youngster, my hat is off to the myriad mothers who do this as a general practice, war or no war.

MRS. PHILIP PALMER
Ludington, Mich.

● For more on salvage fashions see pages 94-97.—ED.



The "card party curl"—helps you concentrate, but better think twice about the added strain on your precious stockings! Awkward twists and turns often lead to runs! Easy, natural positions help hosiery last.

Cannon helps stockings last longer, too, by inspecting every pair with an ingenious air-pressure machine that reveals hidden weaknesses! You buy only perfect Cannon Hosiery—full-fashioned, flawless, triple-inspected.

Cannon
Hosiery

MADE BY THE MAKERS OF
CANNON TOWELS AND SHEETS



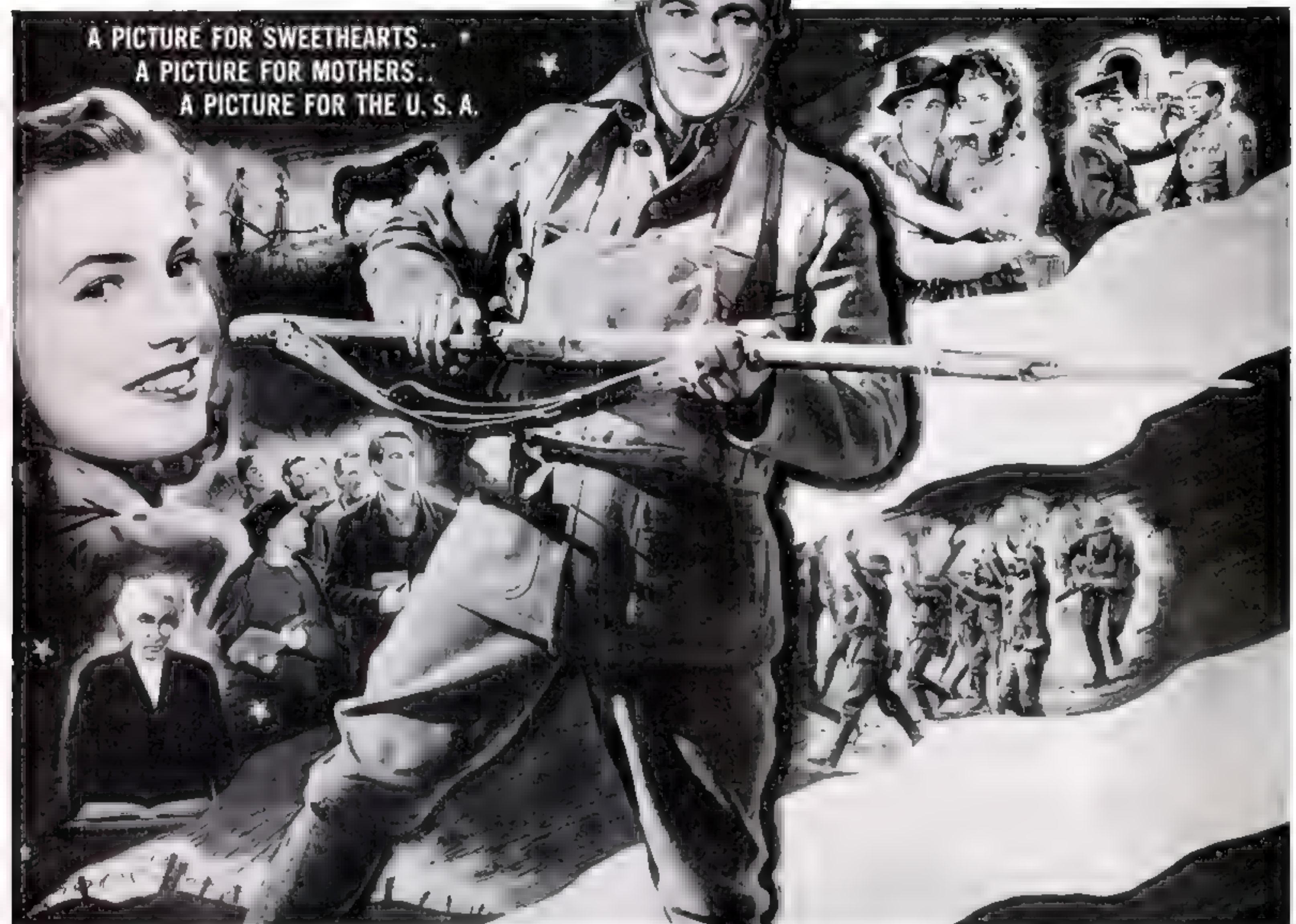
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GARY COOPER "SERGEANT YORK"

As Long as there are Men Like Him there

Will Always be a Free America!

A PICTURE FOR SWEETHEARTS...
A PICTURE FOR MOTHERS...
A PICTURE FOR THE U. S. A.



Presented With Pride by **WARNER BROS.**

NOW AT POPULAR ONE WHOLE YEAR

with
WALTER BRENNAN • JOAN LESLIE • A HOWARD HAWKS PROD'N

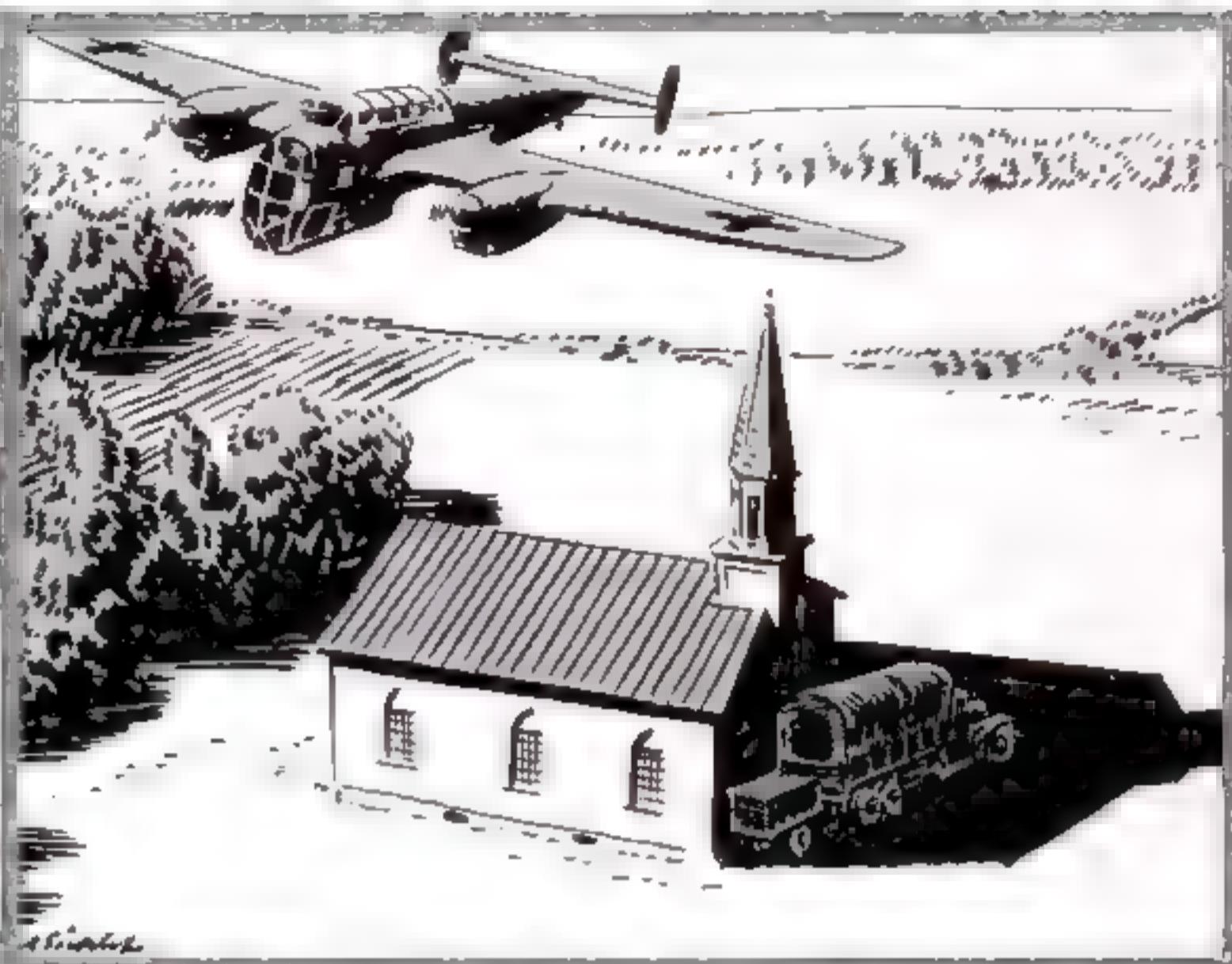
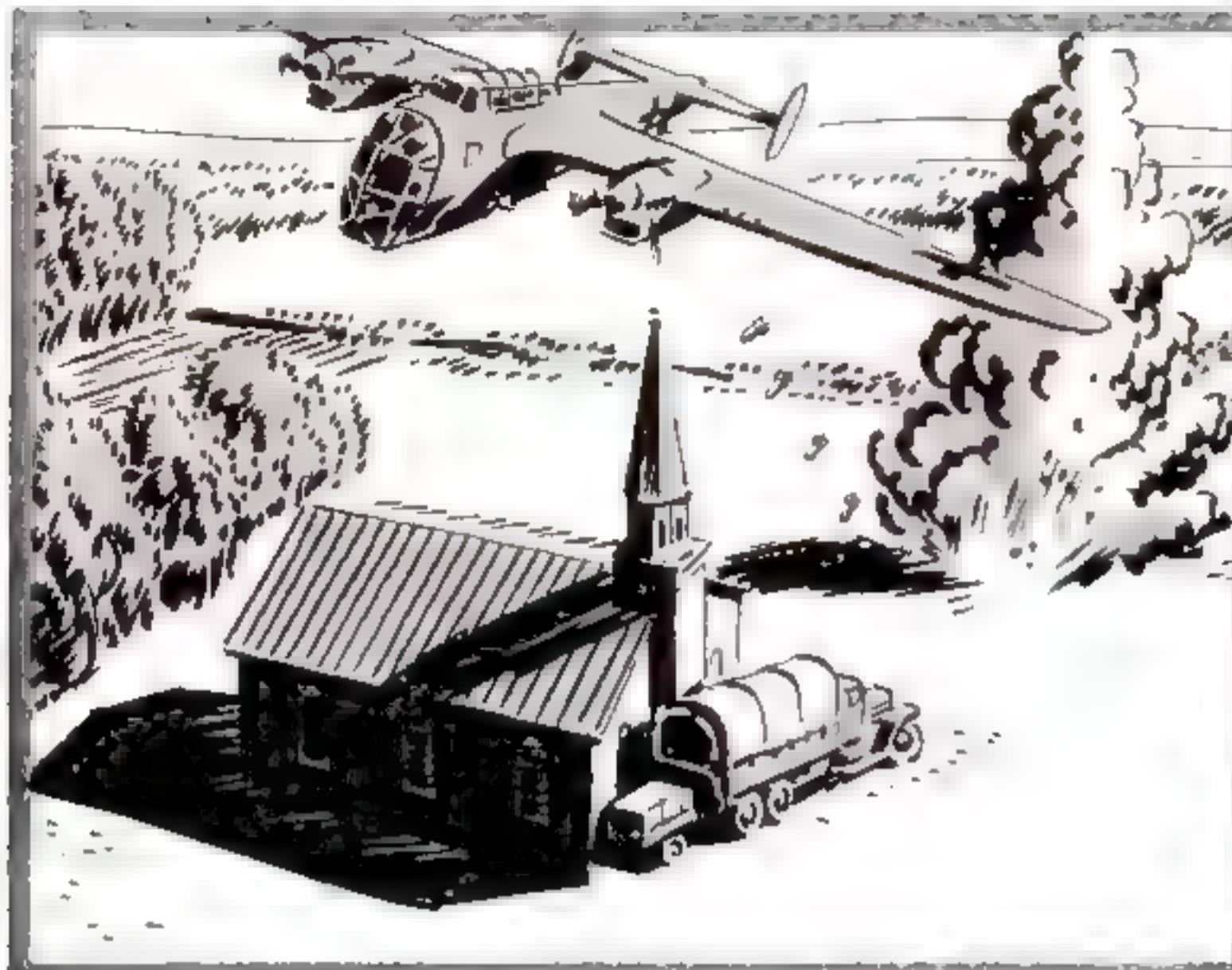
Produced by JESSE L. LASKY & HAL B. WALLIS. Original Screen Play by Adam Fonda & Harry Chaudron and Howard Hawks & John Huston. Based upon the Diary of Sergeant York.

PRICES AFTER OF ACCLAIM!

YOU'LL SEE IT EXACTLY
AS SHOWN AT ADVANCED PRICES

Your Theatre has made its date to Play It - make Your date Now to See It!

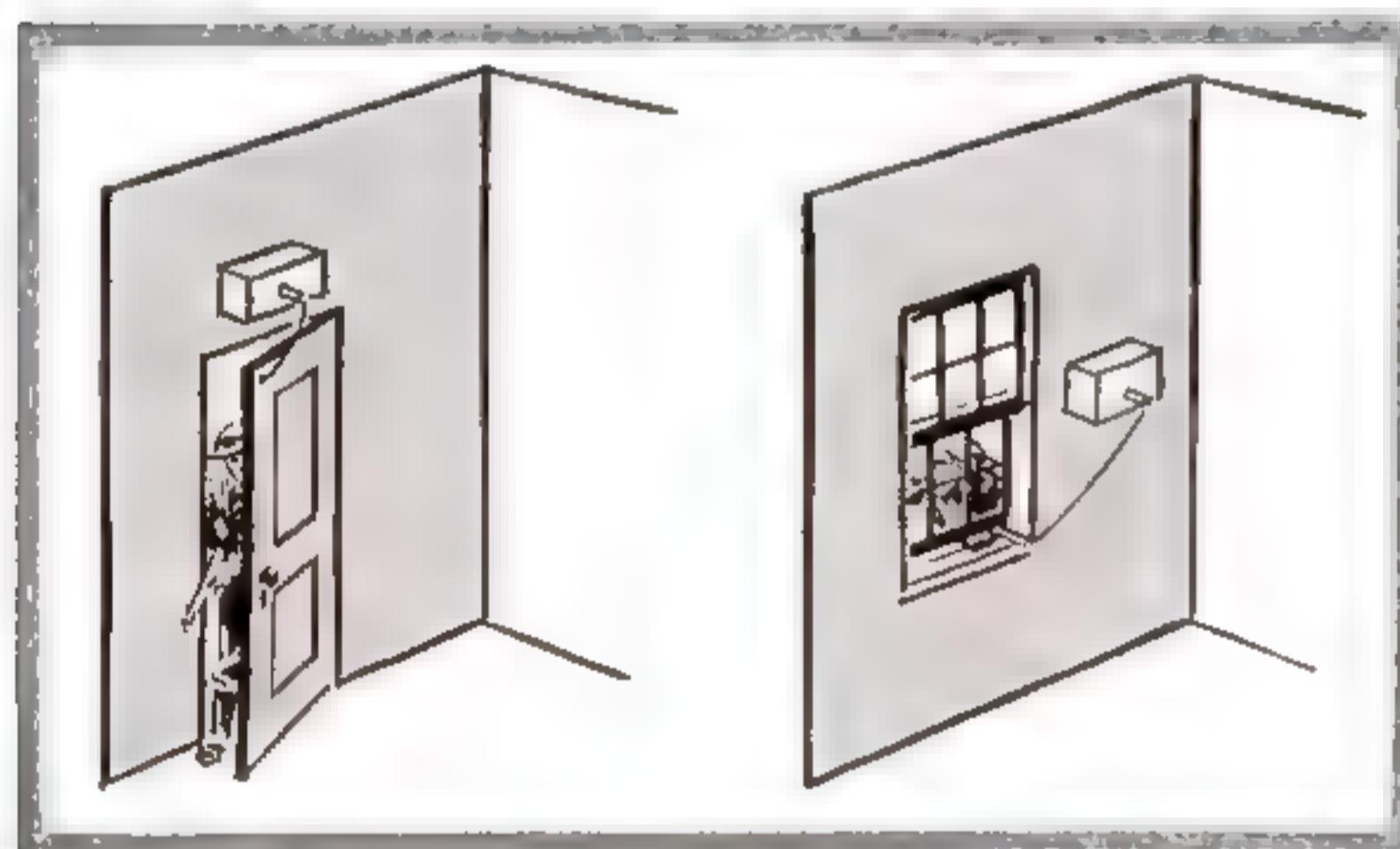




Shadows help to conceal your truck, but shadows continually move with the sun. At left above, truck should be moved around side of church. At right above, truck is in right position. Says the

manual, "Hills and valleys which hide you from a ground observer mean little or nothing to the observer in the air. Everything is spread out as upon a plate for the air observer to look at."

SPEAKING OF PICTURES . . .



Booby traps must be guarded against when entering a strange house in territory recently evacuated by the enemy. Bomb at left will go off when door opens, bomb at right goes off when window opens.

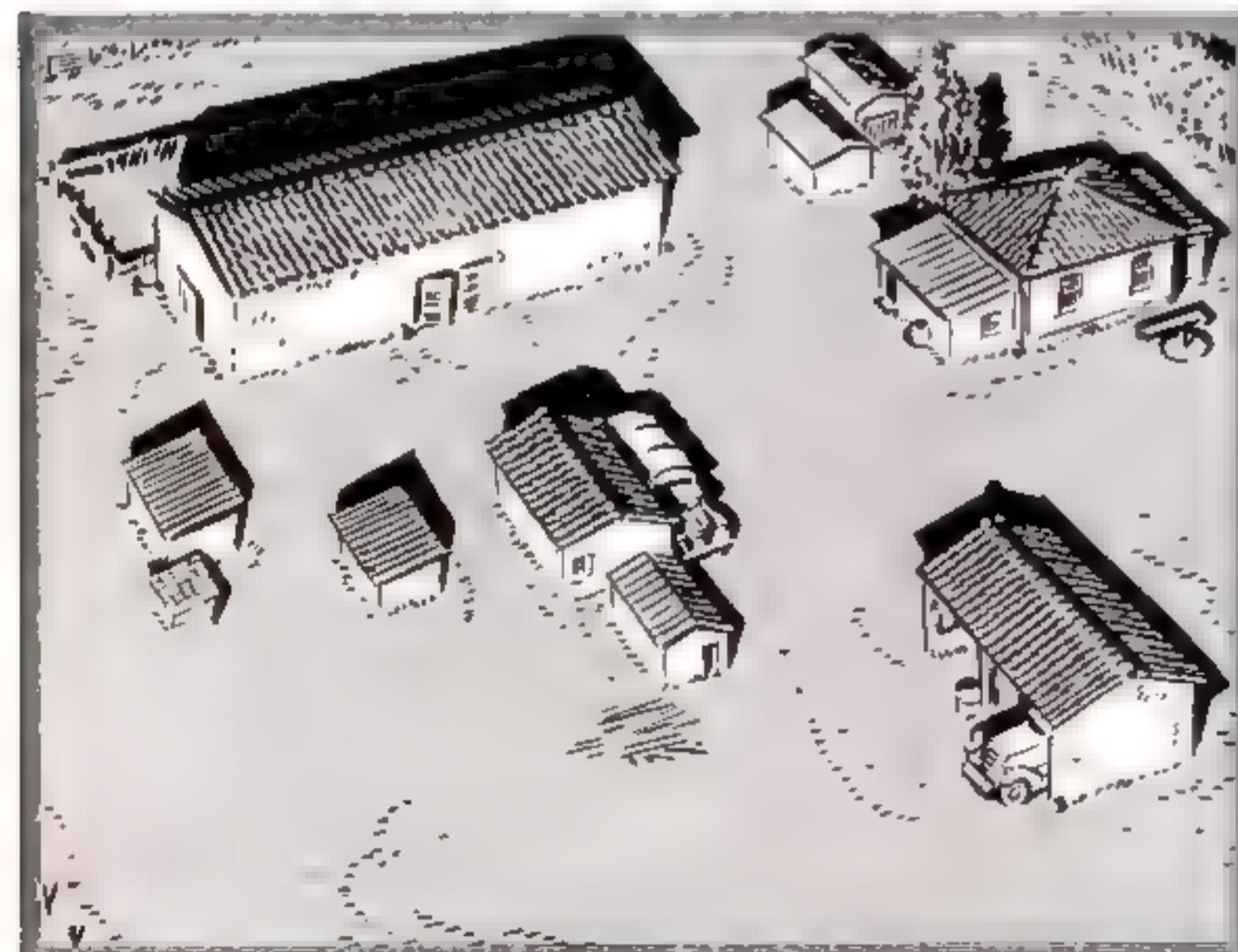
... ARMY AND "LIFE" COMBINE TO PUBLISH FIELD MANUAL

Today the U. S. Army is conducting the country's biggest school. It is a grammar school, high school, college and post-graduate university all rolled up into one. It teaches everything from house cleaning to aerodynamics of airships.

Naturally such a school needs textbooks—in the Army called "field manuals." Many of these manuals are researched, written, edited and illustrated by Publications Branch, Requirements Division, Army Ground Forces, a small Army office in Washington. In time of war, with new textbooks required weekly, Publications has its hands full. Inevitably it must sacrifice illustrations and make-up to military and technical accuracy.

To provide illustrations and help improve make-up, LIFE volunteered its services to Publications. The first result of LIFE's offer is *Field Manual 11-45*, which has now appeared and is being distributed to all units of the U. S. Army.

The manual's official title is *Protective Measures, Individuals And Small Units*, which actually means, in nonmilitary language, *How To Avoid Getting Killed in War*. The text and basic sketches were furnished by the Army. Many illustrations, some of which are shown here, were done by LIFE Artist Noel Sickles.



Camouflage can be of help in concealing motor vehicles or guns. At left military vehicles attract attention. At right they appear to be part of the natural surroundings. Says the manual, "To



conceal a vehicle, pick out a spot which offers some natural concealment from observation, if one is available, and where you can use camouflage to blend in with the surrounding terrain."



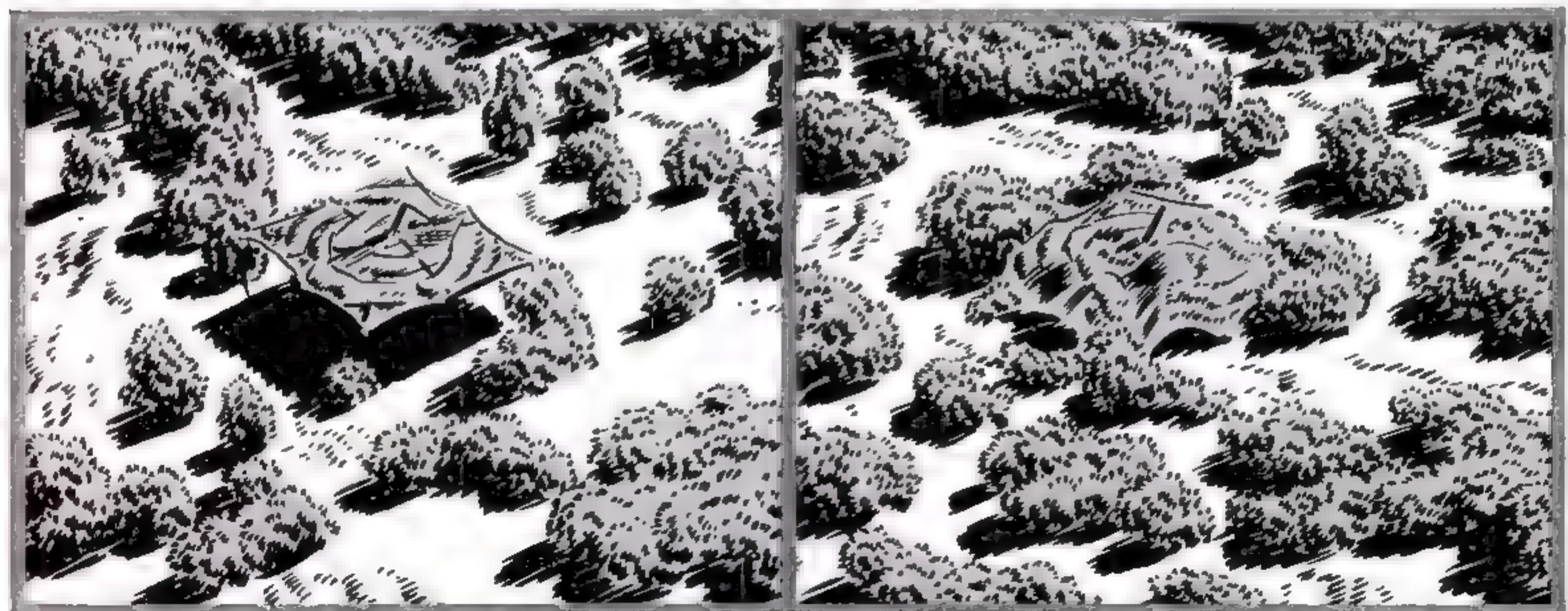
Flares are used at night by the enemy to discover your positions. At the left, soldiers who have looked up into the light of a flare will be seen and their position discovered. Soldiers at the right

will remain concealed because they have frozen into position. Says the manual, "When a flare is dropped, stop, look down at the ground and remain motionless until the flare burns out."



Backgrounds against which your body is silhouetted can give away your position. At left a contrasting background is disclosing soldiers' location even though they themselves are in heavy

shadow. At right a favorable, or harmonizing, background prevents position disclosure. This is particularly true when troops or vehicles are in the process of moving forward to an attack.



Outlines cast by wrong kind of camouflage net reveal gun positions. Net at left is wrong. Net at right, blended with background, is correct. Says manual, "There is little regularity in out-

line of natural objects or of the shadows they cast. Where you find straight lines and uniform spaces on the ground, it is almost invariably the work of man, hence discloses his presence."

"Please send me 10c worth of electricity - today"

IF you had to order your day's supply of electricity fresh every morning, you'd appreciate even more how little it costs and how much it does for you.

Actually, about two-thirds of all American families light their homes and run radios, cleaners, toasters, percolators, clocks and washers for a dime a day - or less!

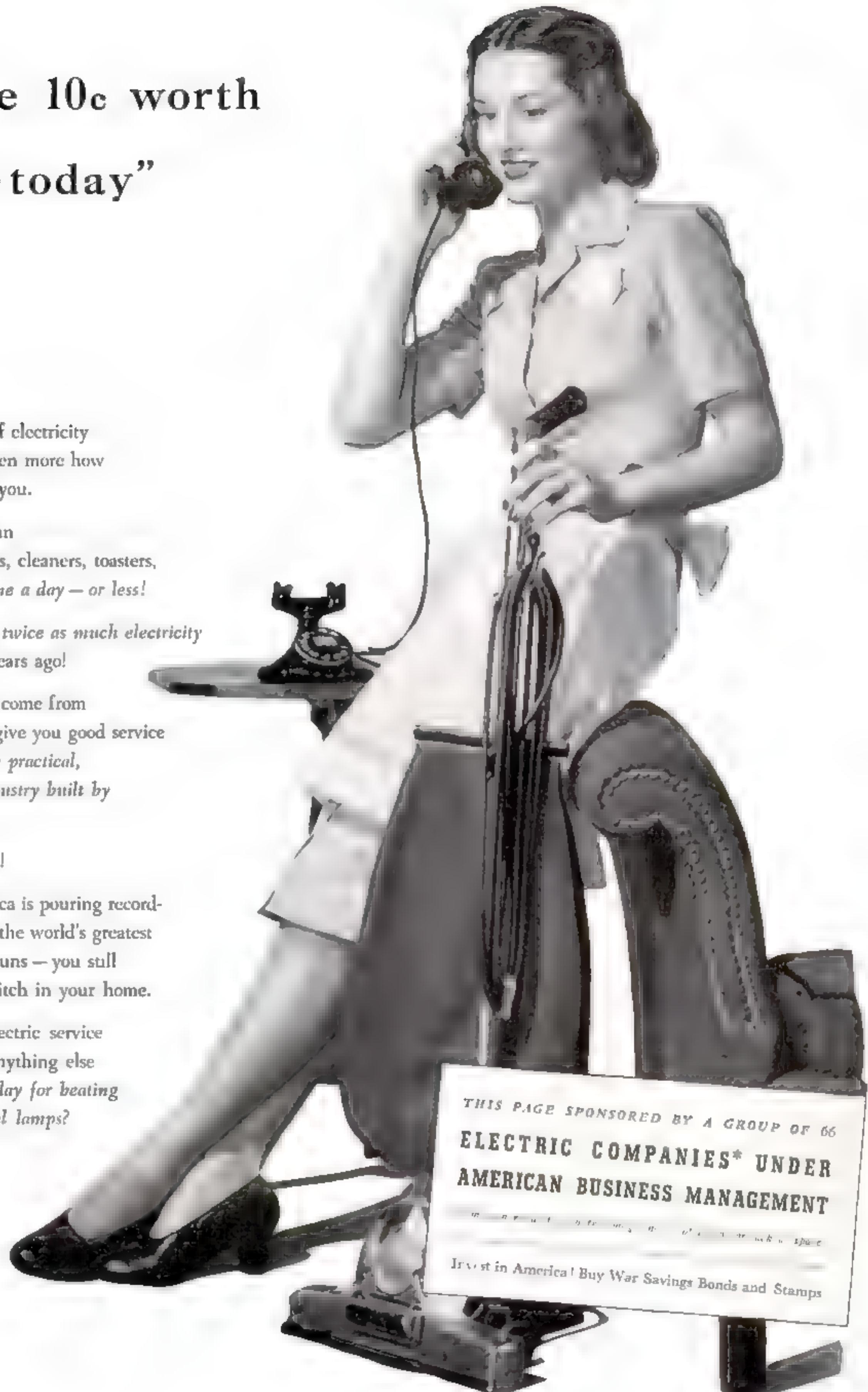
What's more, that dime buys just about twice as much electricity for the average family as it did fifteen years ago!

These bargains don't just happen. They come from the electric industry's constant effort to give you good service at low rates. *They are made possible by practical, efficient business management of an industry built by the savings of millions of Americans.*

That's the American way - and it works!

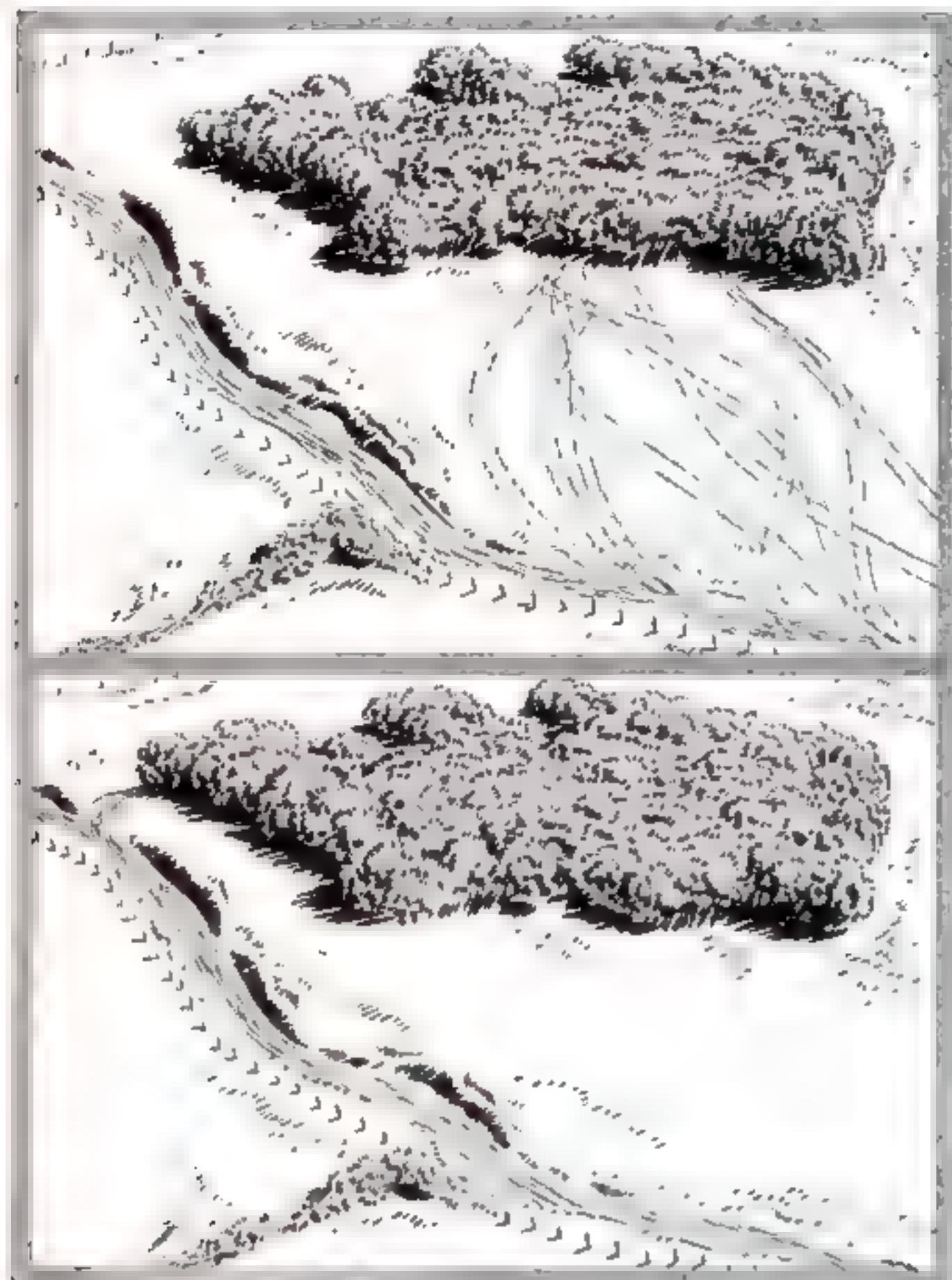
It works so well that even though America is pouring record-breaking amounts of electric power into the world's greatest production of planes, tanks, ships and guns - you still get low-cost current at the flick of a switch in your home.

Probably the pennies you spend for electric service bring you more for your money than anything else you buy. *Would you take ten cents a day for beating rugs, scrubbing clothes and cleaning oil lamps?*



SPEAKING OF PICTURES

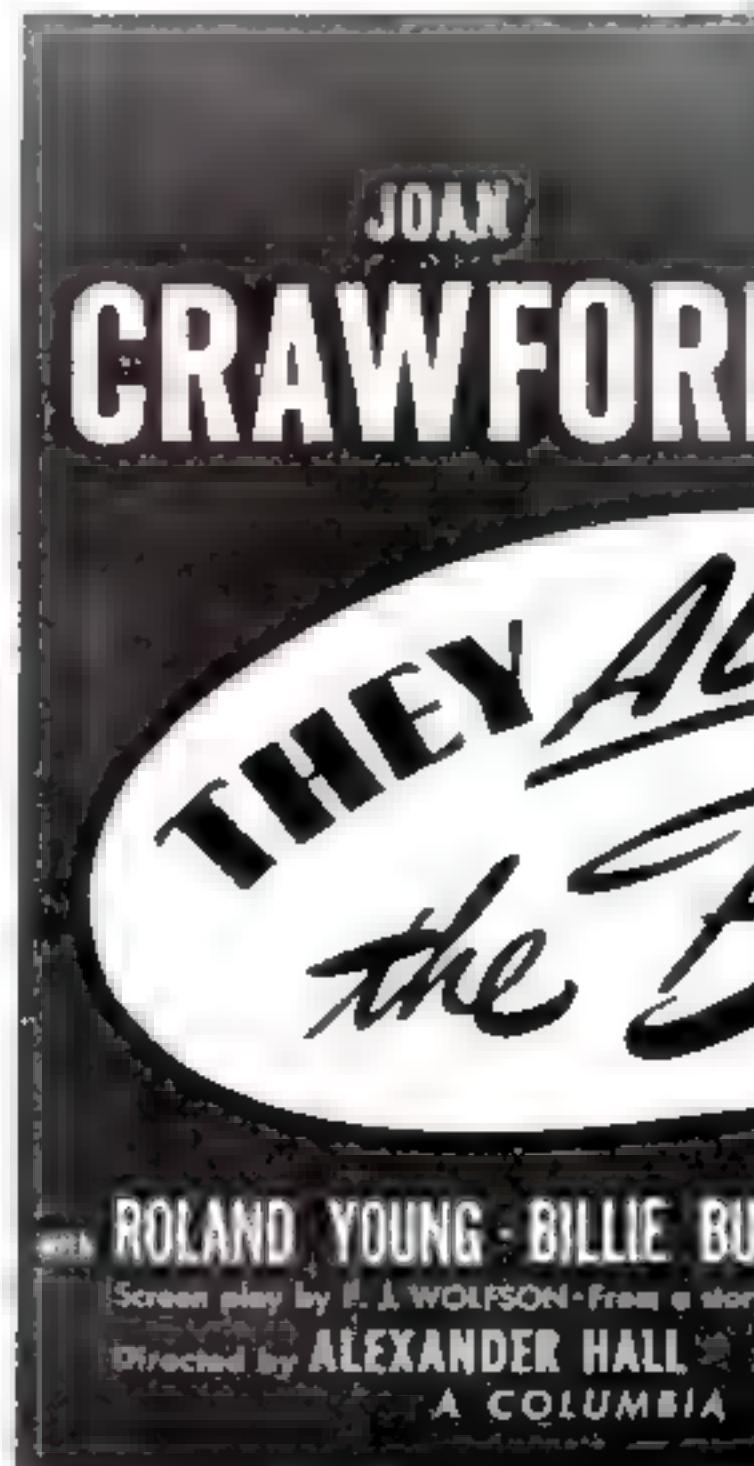
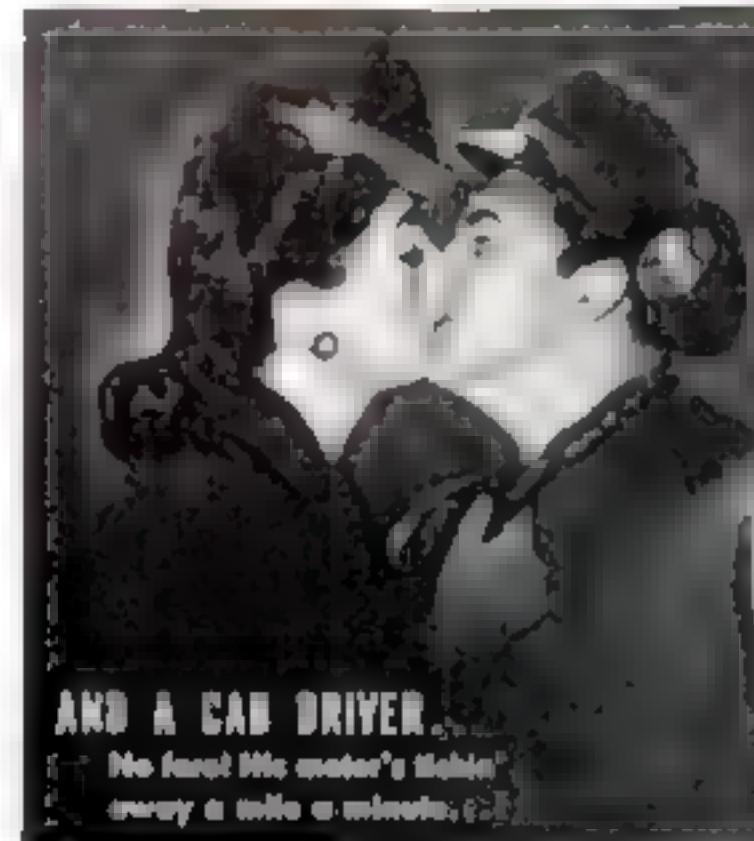
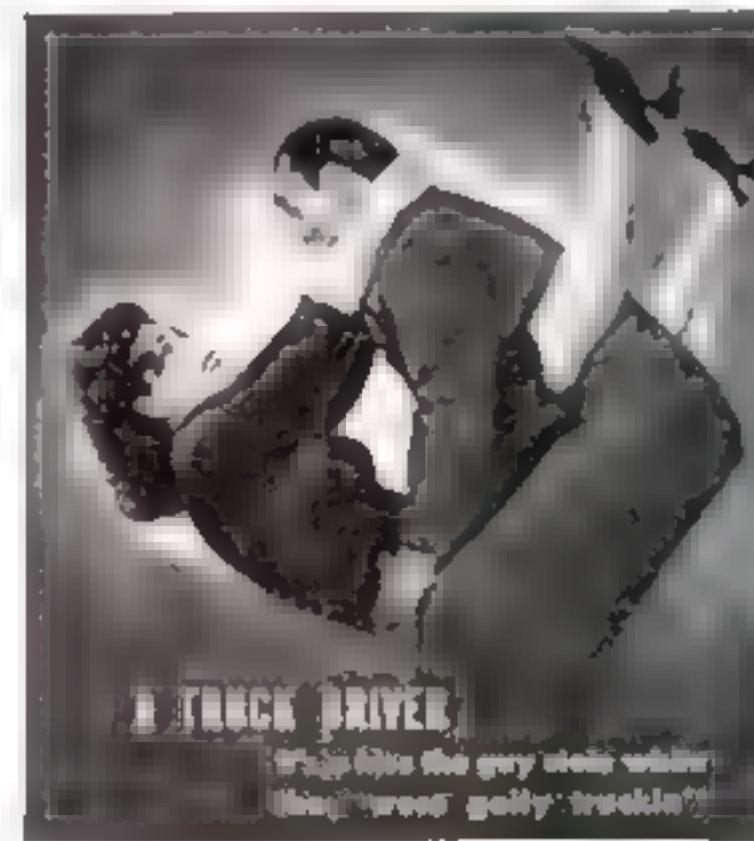
(continued)



Vehicle tracks can reveal troop bivouacs or gun positions. At top, numerous tracks point out concealed location. Above, tracks are inconspicuous and in one place only



In transit, be careful to conceal your identity and destination. Don't wave and talk to pretty girls as above. Instead, cover your identification marks and say nothing.



Buy U. S. War Bonds & Stamps Today at Your Local Theater
★ ★ ★ ★



use Odorono Cream—Arthur Murray Dancers Do!

Glamorous Bunny Duncan is still enchantingly fresh and sure of her charm at the end of her busiest day! For Arthur Murray girls trust Odorono Cream to guard them against underarm odor and dampness.

Gentle, delightful to use—non-greasy, non-gritty Odorono Cream ends perspiration annoyance safely 1 to 3 days! Get a jar—big 10¢, 39¢, 59¢ sizes.

The Odorono Co., Inc., New York

ENDS PERSPIRATION Annoyance 1 to 3 Days!



ATTENTION MEN

On the dance floor—or in business—don't think perspiration neglect on your part isn't noticed just as quickly! Why risk offending your girl or your boss? Use Odorono Cream!

LIFE'S REPORTS

SUBMARINE TRIP TO JAPANESE WATERS

by JOHN FIELD

Through the streets of Honolulu these days walk a special group of sailors. Many of them have long beards grown during weeks at sea. They tend to be aloof from other sailors, to talk little, to be furtive when questioned about their part in the Pacific War. They are the submarine sailors.

The work of the submarines is among the most secret operations of the U. S. Pacific Fleet. Sinister and somber in their cigar-shaped sleekness, the submarines put out from U. S. bases, disappear in the vast water wastes of the Pacific. They know no friends, only foes. Being virtually indistinguishable from Japanese or German subs, they must even guard against being spotted by U. S. destroyers or patrol planes. To remain hidden, they travel submerged during the day, rise to the surface only at night to charge their batteries and look for a few brief minutes at the stars.

Only part of their great work of hampering and cutting Jap supply lines has yet been revealed. But it is known that American submarines have operated in the Java Sea, have penetrated right into Tokyo Bay, have sunk hundreds of thousands of tons of Jap shipping in the mandated islands.

But this is only part of their work. Their other great task is to act as Fleet scouts and information gatherers. For days at a time they lie outside Jap ports, watch Jap warships and shipping go in and out. When their reports are correlated, the U. S. has a good idea of the location of many Jap ships.

Recently I talked with Lieutenant Commander Willard A. Saunders, commanding officer of a submarine just returned from enemy waters. Commander Saunders is neither the greatest nor the least of sub captains. Medium-built, with dark hair and clean-cut features, he was slightly pallid from months at sea. His hands were nervous and he smoked cigarettes constantly. He saw nothing unusual in the trip he had just completed. "We did a little work, not too much. Everything was routine. Submarine men do not think their work is dangerous. They have a deep inner feeling, not always shared by their officers, that everything by Grace of God will turn out all right. They feel this even when ash cans are dropping around them."

"Also living conditions aboard a submarine are not as bad as most people think. The food is good. We carry frozen meats, including turkey and steak. For breakfast we have fruit juice, cereal and coffee. Sometimes we even have oranges, which is more than they do in Honolulu."

"Then we have shower baths, with hot and cold running fresh water. Also a Bendix washing machine. The ship is entirely air-conditioned and the sickness rate is phenomenally low. On this trip we had only one boy get sick and all he had was tonsillitis."

"Of course, when we come to port, sometimes after three months at sea, we are white and dehydrated, weighing 8 to 10 lb. less than when we went out."

"On this trip we had been out considerable time before we sighted our first victim. It was only a little unloaded freighter and after we had sunk it the men did not stay satisfied very long. They kept saying, 'By God, I hope the next time we get something worthwhile.' All of the men like to hear our fish go off."

"A few days later we got a lucky break. We were lying off a Jap-controlled harbor waiting for a Jap ship to turn up. It was early morning and I was below getting breakfast. Suddenly the general alarm sounded and I knew we had spotted something. Description of the



LT. COMDR. WILLARD SAUNDERS

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MISCELLANEOUS

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14



U. S. WAR EFFORT SPEEDED BY NEW SUCCESS OVER ATHLETE'S FOOT

INCREDIBLE though it seems, over 70% of our whole population—including our war workers—have Athlete's Foot some time during the year. Surveys prove it. The disease has become a serious handicap to the nation's war effort—a problem that calls for action by *everyone* concerned.

Fortunately, science has made an important advance in controlling the disease. It has proved that the fungus organisms which cause Athlete's Foot cannot live in an alkaline medium; and that re-infection may occur from shoe-linings. Based on this knowledge, a new powder—Quinsana—has been produced by the Mennen Laboratories. It is achieving remarkable results, as shown by chart at right.



CUTTING OPEN THE SHOES of infected persons, and examination in laboratory, reveals that fungus organisms causing Athlete's Foot often thrive in shoe linings. Frequently that explains why the disease "keeps coming back." Unlike liquids or ointments, Quinsana Powder may be used conveniently in shoes, as well as on feet.

EARLIEST SYMPTOM of Athlete's Foot is usually chronic peeling between toes. This is not normal—generally means mild fungus infection, which may become serious. Later symptoms are cracking, blisters, soggy skin—with itching and pain. Inflammation may mean bacterial infection; see your physician or chiropodist at once.

BLACK INDICATES % HAVING ATHLETE'S FOOT
Before treatment (left bars)—After Quinsana treatment (right bars)

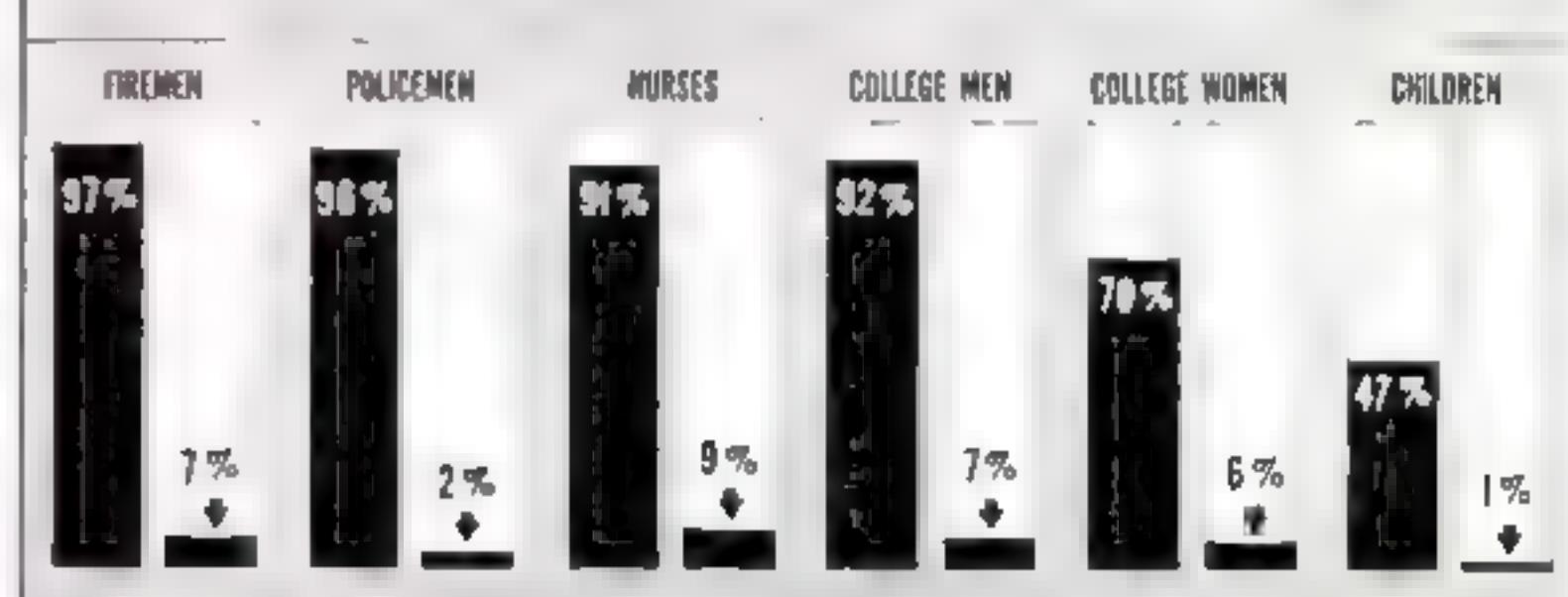


CHART SHOWS REMARKABLE RESULTS, in a mass-eradication test among over 1000 persons. Note that, after 30 days treatment with Quinsana, Athlete's Foot infection practically disappeared.

The fungus organisms causing Athlete's Foot are prevalent almost everywhere. You can't avoid them completely. They thrive best in presence of heat and perspiration; this accounts for the greater spread of the infection during warm weather. For protection, every member of the family should use Quinsana as regularly as soap and water. (Diabetics, for whom foot infection is so serious, should be doubly sure to use Quinsana daily). Quinsana is non-irritating, fungicidal, bactericidal, highly absorbent. *Pharmaceutical Division, The Mennen Co., Newark, N. J., San Francisco.*

**NEW 2-WAY
TREATMENT FOR
ATHLETE'S FOOT**

QUINSANA IS ALSO EXCELLENT FOR
EXCESSIVE PERSPIRATION, FOOT-ODOR.

1. USE QUINSANA ON FEET DAILY AS
YOU DRESS; RUB IN BETWEEN TOES.

2. SHAKE QUINSANA IN SHOES DAILY. HELPS
PREVENT RE-INFECTION FROM LININGS.

AT DRUGGISTS, ARMY POST EXCHANGES,
CAFFEEES, SHIP SERVICE STORES.

QUINSANA
A MENNEN PRODUCT
Guaranteed by
Good Housekeeping
for Foot Care



Here is 1942's WOMAN OF THE YEAR!

Hats off to the woman of the year! For the duration, she has abandoned her typewriter to volunteer her quick hands and steady nerves where they can speed the biggest job our Uncle Sam ever had.

Mutual Life is tackling its biggest job too. The job of providing American families with the immediate pro-

tection so urgently needed in these uncertain times. The job of providing this insurance protection at a price pinched budgets can afford. Ask your local Mutual Life representative about our 4 new policies streamlined for wartime needs. They offer you a choice of large insurance security for a small cash outlay.

"What \$10 a Month in Premiums Can Do Today" is our free new booklet for the family head who wishes to plan wisely for the future, but must budget closely. Write for it today.

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LIFE'S REPORTS

(continued)

enemy ship spread through the sub: 'She's big and she's loaded full.'

"I quickly left breakfast and went up to the conning tower. There I saw that the Jap ship was in excellent position for an attack

"The crew went calmly about the work they had been trained to do. The torpedo personnel was ready. Carefully the torpedoes were aimed and fired. They cut a white wake swishing through the water toward the doomed Jap ship

"Suddenly they hit. The explosion was terrific. The debris shot hundreds of yards. In fact, the explosion was so great we figured the ship must have been carrying ammunition. In less than half an hour she had disappeared. All this happened in full sight of the enemy harbor.

"As the Jap freighter blew up, everybody aboard our ship cheered like mad. It was the same kind of exultation you have when you've been fishing for days and suddenly land a giant tuna. One enlisted man rushed up with two boxes of cigars. 'Take one, Captain,' he said, 'this is greater news than when my baby was born.'

"A couple of days later we got another kind of excitement. We were still in enemy waters when three small Jap patrol vessels spotted us. I tried to evade them and dove. At the bottom we lay quiet and waited. For a long time we waited, feeling blind and bewildered, wondering when they would attack.

"At last it came—the dull thud and roar of depth charges. They started a long way off, then rolled closer and closer and closer. We could do nothing but sit and wait. Twenty-two such depth charges went off in all, lasting more than two hours.

"Through it all, I'll admit I had the jitters. But the crew—you should have seen them. They were perfectly confident that everything would be OK. They were sure that Jesus Christ or I or somebody would get them out. Some of them were even matching dollars to see which side of the ship the next can would drop on.

"At length it got dark and I knew we would have a chance to get away. So in the darkness I made an emergency surface and raced away at full speed. They never found us again."

Partner
in attack-
protector in defense



"Night Flight"
Inside an American
Bomber, Ray-O-Vac
LEAKPROOF bat-
teries go along.



IS YOUR FLASHLIGHT READY FOR AN EMERGENCY?

Just as flashlights are important in operations at the front, here at home they are vital to civilian defense. In an emergency, light may mean lives.

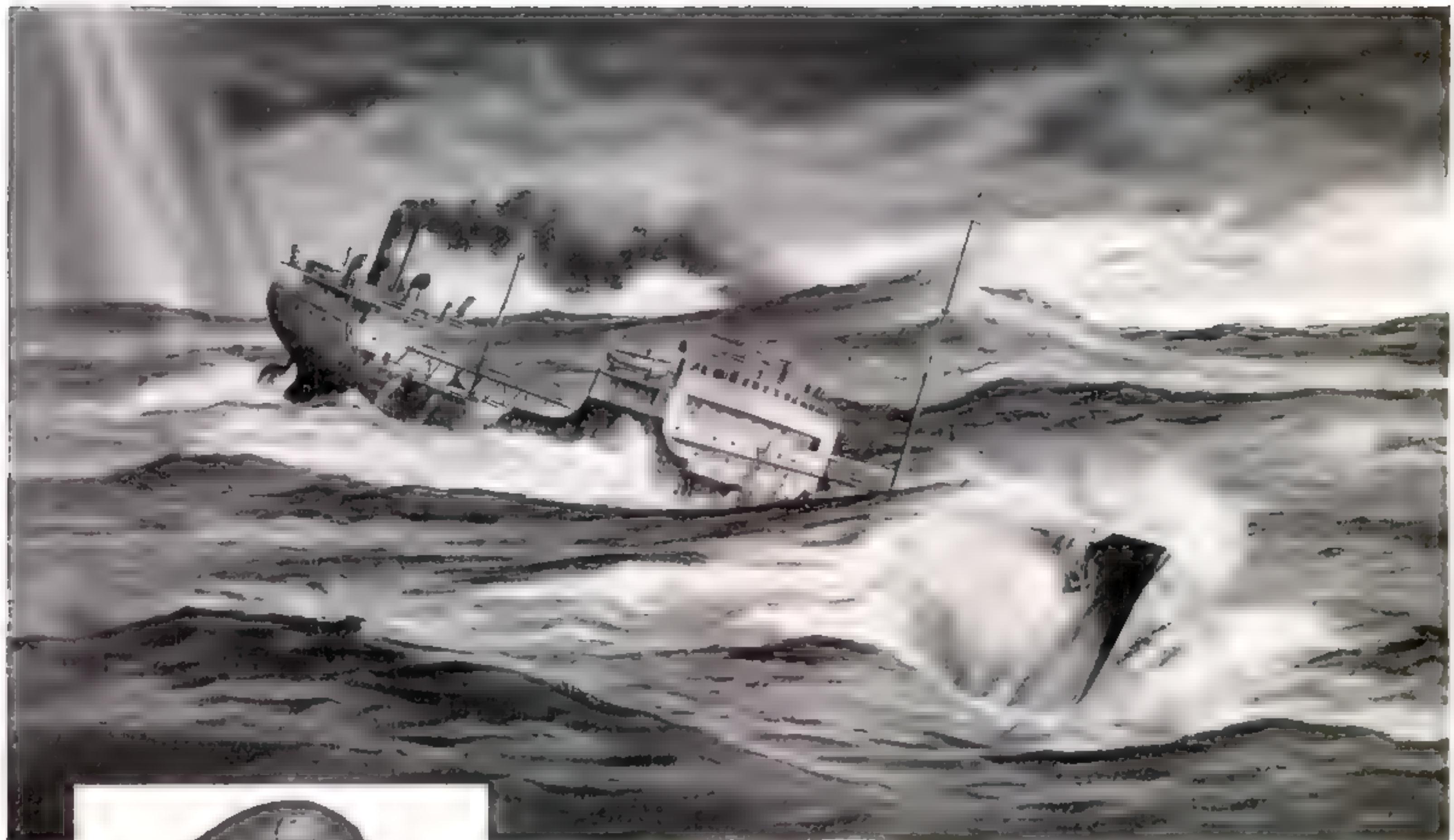
So take good care of your flashlight. Above all guard it against ruinous BATTERY CORROSION!

Ray-O-Vac LEAKPROOF Flashlight Batteries CAN'T corrode, swell or stick — due to their patented armor-clad construction. They're guaranteed to protect your flashlight against corrosion damage—or a new flashlight free.

Ray-O-Vac LEAKPROOF cost no more than ordinary batteries.

Ray-O-Vac Company, Madison, Wisc.

because it's
LEAKPROOF
It's guaranteed to
PROTECT
your flashlight
against ruinous
corrosion



His cargo is fuel for the Bristol Bombers

He works for Victory on Elgin time!

CAPTAIN J. W. BARLOW of Woodhaven, New York. A deep-water Yankee skipper, Captain Barlow is doing one of the war's most important jobs. Many times he has navigated tankers of fuel through the U-boat infested Atlantic—fuel that "goes East" to keep 'em flying in Britain. "I carry an Elgin," he says, "it's accurate and dependable."

ELGIN

Greatest Name in American Fine Watchmaking since 1865.

LIKE CAPTAIN BARLOW, thousands of other Americans working for victory have come to depend on the reliable timekeeping service provided by Elgin watches.

And the United States Army, Navy and Aviation forces today look to Elgin for certain precision equipment vital to their needs.

Navigators must have special watches . . . thousands of new tanks and aircraft must be equipped with sturdy clocks . . . flyers need compasses . . . millions of time fuzes for shells are being called for.

Elgin is producing on government order a long list of such special instruments and timing devices. Available here for this exacting work are the finest scientific facilities in the watchmaking world . . . plus a craftsmanship developed through four generations.

Until victory is achieved, there may be fewer Elgin watches for strictly civilian use. However, the Elgins which are available will in every way uphold Elgin's 77-year-old tradition for quality, for accuracy, for leadership in fine design.

ON BOTH FRONTS TODAY—ELGIN SERVES!

For men and women serving at home: *Lord and Lady Elgins*, Elgin De Luxe watches, railroad and transportation watches, and other fine Elgin timepieces.

For the exclusive use of the armed forces: navigation watches, stop watches, aviation clocks, tank clocks, service watches, chronometric tachometers, compasses, time fuzes for shells, jewel bearings, special timing devices for naval and aviation use.



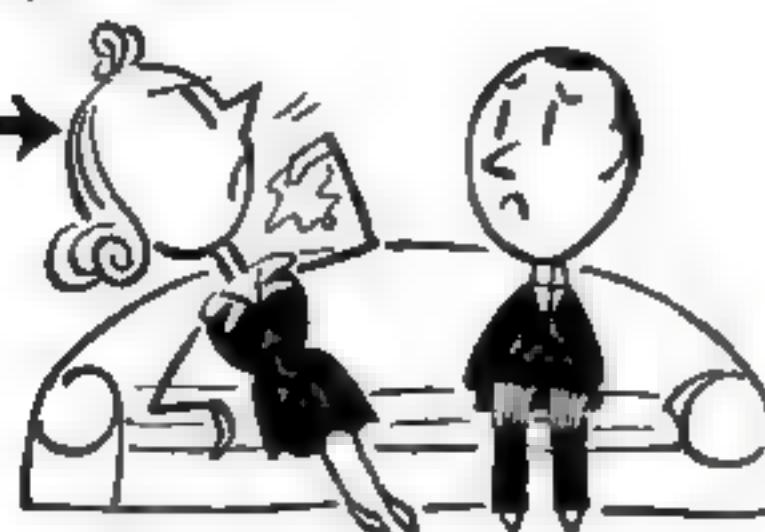
15-jewel Elgin. Luminous dial. Sweep-second hand.



Elgin Aviation Navigation Watch. 21 jewels. Adjusted.

Something bothers me and I think it's you

THOUGHT



HOW TO BE AS POPULAR AS HITLER . . .

by Don Herold

There's nothing you can do to distract people more than to fire underarm perspiration waves at them.

They wonder, at first, what on earth it is that's bothering them. Then they decide it's you.

If they have been about to fall in love with you, they don't.

If they have been about to buy something of you, they don't.

If they have been about to hire you, they don't.

If they have been about to fire you, they do.

No, no man is wanted around

I believe in MUM-Surance

who isn't man enough to avoid making an underarm nuisance of himself.

But no man, no matter how fine he is otherwise, no matter how diligently he bathes, can be 100 per cent sure of himself without the aid of a dependable underarm deodorant like Mum. Baths take care of the past; Mum bars this danger ahead for a whole day or an evening.

Mum is a pleasant cream in a jar, easy to dab under each arm each a.m. or before p.m.'s out. It does not stop perspiration, irritate skin or injure clothes—just assures you that you won't commit the offense which people never forget or forgive. See your druggist.

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MUM TAKES THE ODOR OUT OF PERSPIRATION

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Clean white shoes in half the time.

No smeared edges, no messy hands or finger-nails. Simply apply snow-white, leather-softening Shu-Milk from bottle.

Perfect for all kinds of two-tone shoes.

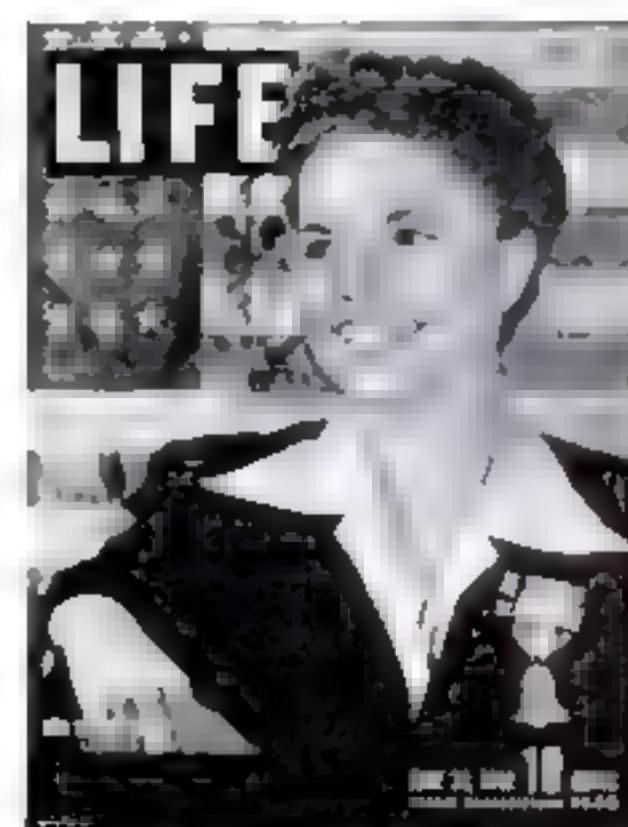
Buy Shu-Milk and Applicator at drug, dep't, grocery, 5 and 10¢ stores, or shoe repair shops. Shu-Milk Cleaner, 10¢; with Applicator, 20¢. SHU-MILK FOOD CORP., Passaic, N. J.

...works like a Fountain Pen

SHU-MILK

CLEANS ALL WHITE SHOES

LIFE'S COVER



The bell-shaped badge that Bunny Bekins so proudly sports on the cover means that she is one of Dallas' 1,500 USO Victory Belles. Fraternity pin at upper left of badge belongs to a naval aviation cadet whom she met at USO. Her real name is Margaret Mary, but she is called Bunny because she hops around so skillfully in the Lindy Hop and other jitterbug dances. She also serves as picnic or bridge partner, guide, secretary or waitress to the service men of Dallas. She enjoys her war work. For more on Bunny, Victory Belles and USO, see pages 70-79.

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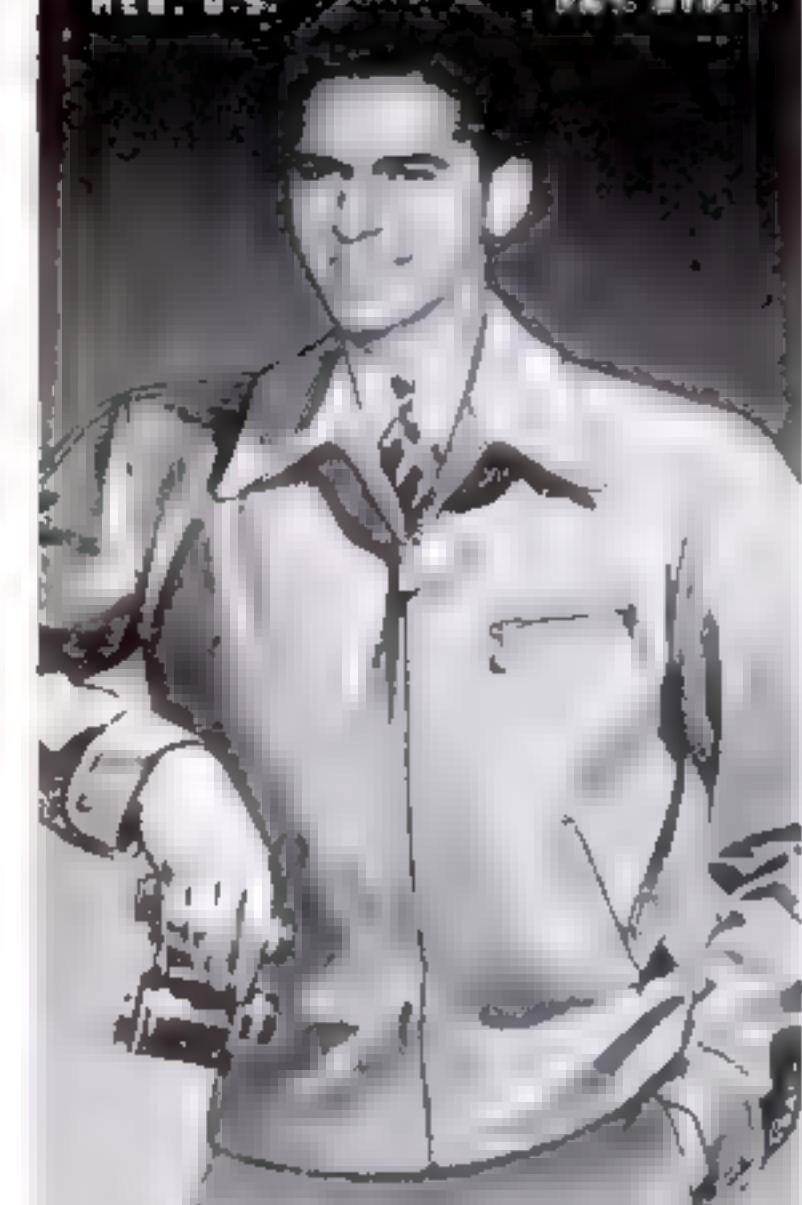
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LIFE'S PICTURES

Many a professional artist photographs his subject before he paints it. William Stone is a cameraman who likes to sketch his subjects before he photographs them. To get his Picture of the Week on page 29, he carefully selected a precarious ledge of the Savoy-Plaza Hotel and from there sketched the composition of flag and marching column as he hoped to photograph it. When the right unit of troops came by, he snapped his picture. Born in Indianapolis, Stone is 29 years old, has freelanced in New York for the last six years.

The following list, page by page, shows the source from which each picture in this issue was gathered. Where a single page is indebted to several sources credit is recorded picture by picture (left to right, top to bottom), and line by line (lines separated by dots).

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32, 33—Painting by A. LEYDENFROST—	82—HILL STUDIO
ATLLEN G. MAY	83—DEL BURKHART PHOTO FOR THE PORT-
34—BOY PUTO	LAND OREGONIAN
37—GEN. CLAIRE MURRAY	84—BOB LEAVITT-PIX
38—LIVINGSTON PONERBOY	85, 87—Courtesy TODD-CALIFORNIA SHIP-
40—ROBERT ALLEN TUSKA	BUILDING CO.
45, 46, 48—KAROER PIX	88, 89—HANSEL MIRTH
53, 54—WILLIAM VANDIVERT	90, 91, 92, 93—NELSON MORRIS
56, 57, 58, 61—DMITRI KESSEL	94, 95, 96, 97—ERIC SCHAA
62, 63, 64—UNIVERSAL PICTURES CO., INC.	100—T. MATTHEW P. ROMANSKI FOR READ-
67—ANDREAS FRININGER	ING EAGLE

ABBREVIATIONS: BOT., BOTTOM; C, COPYRIGHT; CEN., CENTER; EXC., EXCEPT; RT., RIGHT; T., TOP; A. F., ASSOCIATED PRESS; INT., INTERNATIONAL.



TOO BAD, LADY, but when your present car gives out, you'll have to hoof it along with the rest of us.

But there's a way to help postpone that day. Let a Sinclair Dealer prolong the life of your car. He offers a special Sinclair-ize service that does just that job.

Just as American railroads, airlines and the U. S. Army use Sinclair lubricants to save wear on vital transportation equipment, so Sinclair Dealers use specialized Sinclair lubricants to save wear on your car.

Ask a nearby Sinclair Dealer about this service today. You'll find that Sinclair-ize service can save you money and worry, too.



SAVE WEAR WITH
SINCLAIR

OIL IS AMMUNITION—USE IT WISELY

IT'S A NATIONAL HABIT!



There's a priority on time these days! And down in Newark, New Jersey, factory workers and office people save precious minutes every day by dropping in at the neighborhood Red Tower for a juicy hamburger, a cup of expertly brewed coffee and a piping-hot bowl of Heinz Soup! Ready-to-serve just as they come from the factory, these fast-heating soups are cooked the careful country-kitchen way and seasoned with a knowing hand.

AMERICAN as hamburgers and double-feature movies is the current custom of dropping in at the corner drug store or snack bar... almost any hour of the day... for a delicious, temptingly fragrant bowlful of Heinz Home-style Soup served from a Heinz Electric Soup Kitchen! These savory old-time favorites meet the country's demands for quick, energy-giving meals! Army and Navy men, defense workers, women devoting their spare time to the Red Cross, Civilian Defense and other activities—and millions of other busy Americans appreciate the speedy service of these hearty soups—heated in two minutes! And Heinz Soups are equally popular at home—because they not only save time and money but furnish the nourishment today's active families need!

57



Favorite eating place of oil workers and business men in West Bowring, Pa., is Brown's Diner, where savory Heinz Soups are featured items. And of course they're served the simple, speedy way—from a Heinz Electric Soup Kitchen! Heinz Ketchup gets a hand, too. Made from San Joaquin tomatoes, it adds the final touch of flavor to the hearty hamburgers for which this restaurant is famous.



Imported Chinese Cherry Oak and attractive stained-glass windows give an air of dignity to the Newhouse Hotel Embassy Buffet in Salt Lake City, Utah. And Heinz Home-style Soups lend distinction to the menu! These lusty, homespun soups are everywhere renowned for their richness and genuine old-fashioned "home" flavor!



A prominent spot in the exclusive Periwinkle Grill at colorful Marineland, Florida, is reserved for a Heinz Electric Soup Kitchen! Heated in two minutes flat in an electric soup cup, heartening, refreshing Heinz Home-style Soups provide the sort of quick energy and the one hot dish folks need.



Rogers Coffee Shop in Memphis, Tenn., has a reputation for serving customers with record speed! Seconds count, because this place caters to department store personnel and busy men from the Memphis Cotton Row. That's why the shop serves tempting Heinz Soups exclusively—by means of an efficient Heinz Electric Soup Kitchen!



AMERICAN DIVE BOMBERS AND TORPEDO PLANES SINK JAP CARRIER "RYUKAKU" IN THE CORAL SEA ON MAY 8. IN THIS PICTURE FIVE AMERICAN PLANES CAN BE SEEN ATTACKING

CARRIER SUPPLANTS THE BATTLESHIP AS FLEET'S INDISPENSABLE WEAPON



FIGHT OF "MONITOR" & "MERRIMAC" IN HAMPTONROADS

In 1862 the *Monitor* met the *Merrimac* (below, left) in the first battle in history between armored ships. In the last month, at Midway and in the Coral Sea, aircraft carriers met aircraft carriers in history's first all-air sea battles. Last week the two events seemed comparable as historic milestones in naval warfare.

After the battle of the *Merrimac* and *Monitor*, the world's navies began jettisoning their wooden ships in favor of "ironclads," which continued to develop right up to today's armored warship. After Midway and the Coral Sea, airpower, in terms of the carrier, took a long leap forward in naval tactics and left the battleship standing still.

Congress recognized the change. By a vote of 316-0, the House passed an \$8,530,000,000 naval expansion program calling for 500,000 additional tons of carriers (probably 20-30 ships) but no battleships. Even the five huge 60,000-ton dreadnoughts were ordered "deferred." Said Chairman Carl Vinson of the House Naval Affairs Committee, speaking for the Navy, "The modern development of aircraft has demonstrated conclusively that the backbone of the Navy today is the aircraft carrier."

In the battles of the Coral Sea and Midway the two opposing fleets never saw each other. All damage was done by airplanes and the only guns fired by the ships were anti-aircraft guns. The instrument of the American victory was clearly the carrier-based bomber and torpedo plane.

All over the U. S. news commentators hailed the arrival of an entirely new type of naval warfare. Said the *New York Times*, "The aircraft carrier is now the most effective of all warships and the backbone of the Fleet." But the commentators hastened to add two notes of caution. First, the carrier itself is extremely vulnerable to enemy planes, especially land-based planes, against which the carrier should not be used unless it can launch an immediate fighter superiority. Its most effective battleground is far out at sea, beyond range of land planes. Second, the battleship must not be considered obsolete. In any invasion attempt of Japan or of Japanese-controlled territory, if a protective umbrella of carrier-based fighters could be maintained overhead, permitting battleships to get within range of land, their guns would do more terrible destruction than hundreds of bombers.

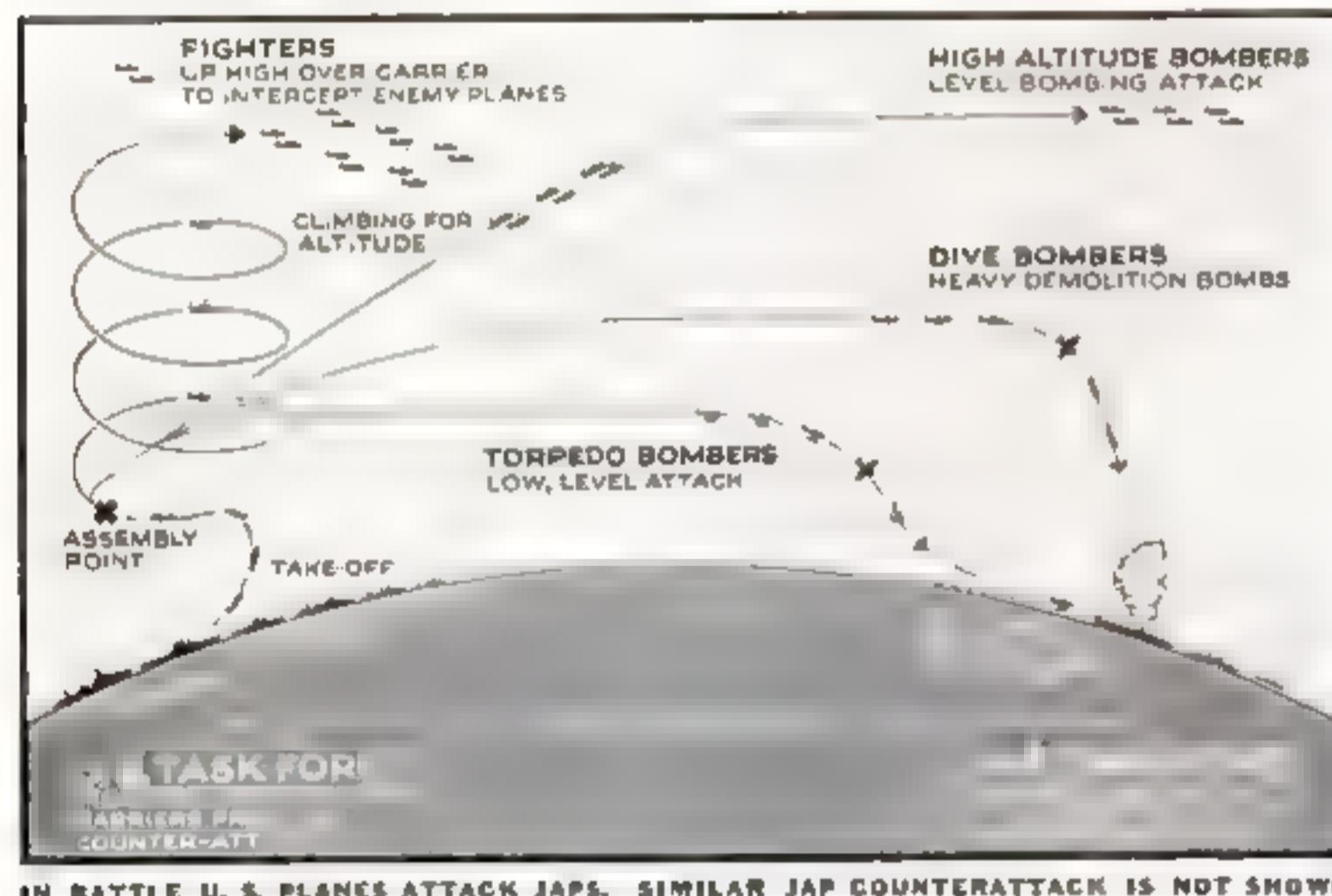
AMERICAN TORPEDO PLANE LAUNCHES A TORPEDO AT THE ALREADY BURNING JAP. CARRIER "RYUKAKU" BURNS. ONE PLANE IS NEAR BOW, ANOTHER OUTLINED AGAINST SMOKE





The Grumman Avenger is the newest and most deadly carrier-based torpedo plane in the world. Its top speed is over 270 m. p. h. It has a range of 1,400 miles with a normal load of 2,000 lb.

of bombs or one full-sized torpedo. Unusually well-armed, it has fixed machine guns firing forward, one rear machine gun in turret at top and one machine gun in tunnel gunner's position.



Some Army land-based B-26's, the world's fastest bombers, were secretly equipped with torpedoes before the Jap attack on Midway and the Aleutian Islands. Built by Glenn Martin, the

ACROSS THE WIDE SEAS TORPEDO PLANES

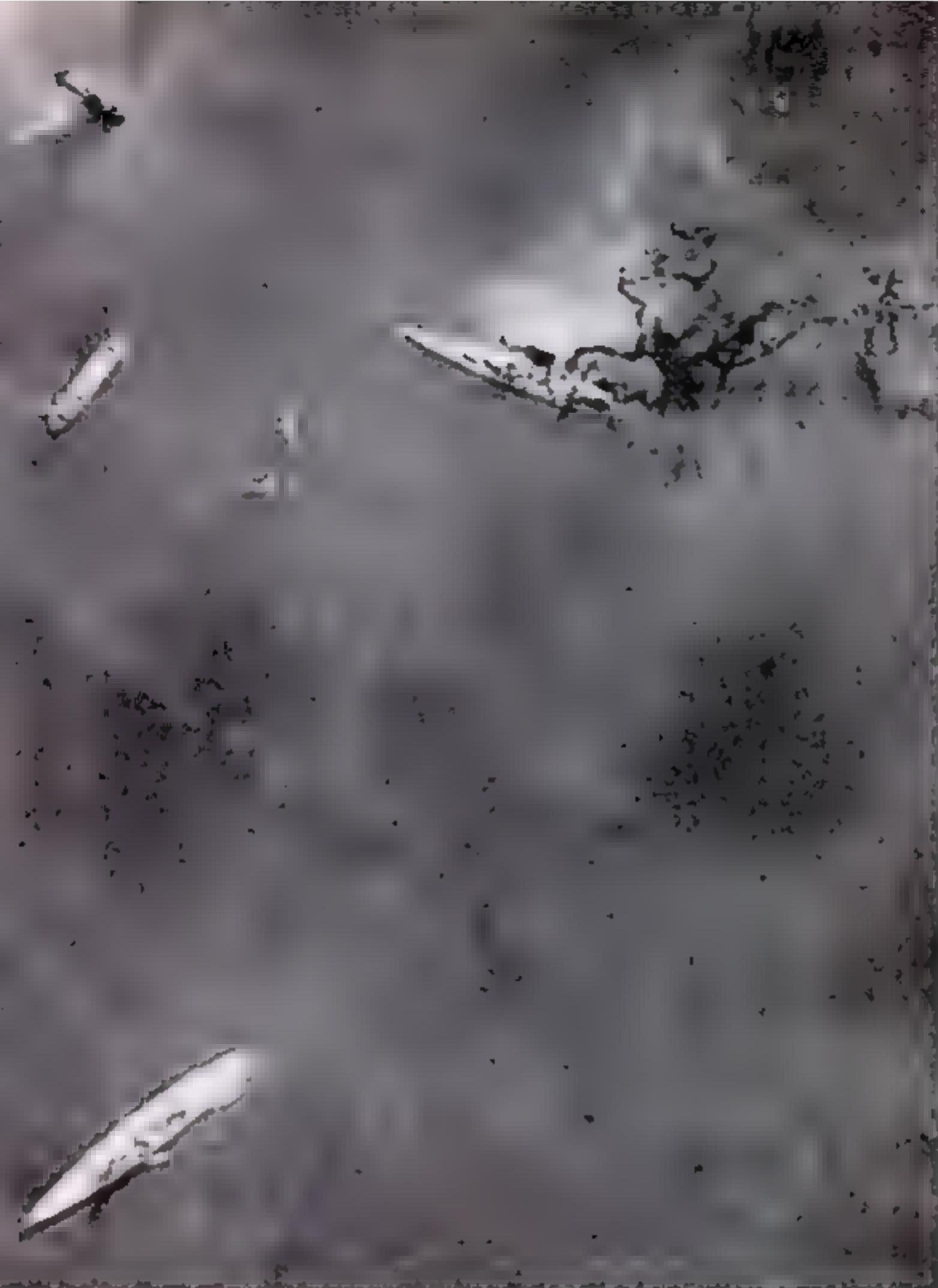
Why the carrier is so important in modern sea warfare is shown by the diagram at left. Across the wide seas, the rival carriers seek out one another. They hurl their explosives 200 miles or more, as far as a plane can carry a bomb or torpedo, far beyond the mere 20 miles of a battleship's guns. Most deadly plane of all in such a battle is the waspish carrier-based torpedo plane (above). If the battle nears land as it did at Midway, Army bombers, like the B-26 below, can be just as deadly when equipped with torpedoes.

Because no battle fleet is safe without carriers, the most significant count today, in reckoning strength of opposing navies, is the count on carriers. The fact that the U. S. has 15 battleships to 11 for the Japs is not overwhelmingly important. What is much more important is the fact that the Japs apparently started the war with 14 to 17 carriers, while the U. S. started with seven. Of course, Japon's carriers are smaller and her losses have been greater than ours.

All the damage to ships shown on these pages was caused by planes. Except for the British raid on Taranto, all of it happened after Dec. 7. These feats of the plane

B-26 has a top speed of more than 350 m. p. h. with a bomb load of 8,000 lb. Its range is about 2,000 miles. Because of fast landing and take-off speed, it is considered a "hot" plane (i.e.,





Italian Fleet at Taranto was hard-hit Nov. 11, 1940 by torpedo planes. At center and lower left are two beached battleships of *Caravaggio* class. Dark streaks are floating oil from exploded torpedoes.



The "Repulse" and "Prince of Wales" are sunk by Jap planes off Malaya Dec. 10, 1941. Prince of Wales (top) is burning while four bombs explode nearby. Repulse (bottom) is trailing smoke.

AND BOMBERS CARRY THEIR DESTRUCTION

against the ship since the U. S. and Japan got in the war are not mysterious. The two nations have developed the dive bomber, torpedo bomber and precision bomber well beyond the Europeans. Furthermore, Europe is much better on defense against the plane than the U. S. or Japan. Because Italy has no carriers and Germany has never used its two carriers, British carriers have been used mostly on defense. It remained for the U. S. and Japan to put the carriers on offense. Until Dec. 7, in fact, the plane had never sunk a capital ship. Since then capital ships have been sunk like broken bottles. But in every case the capital ship was defended badly or not at all: Pearl Harbor, the *Prince of Wales* and *Repulse*, the *Lexington*. For the Japs and Americans both disdained to use their planes to protect their fleets. Both went all-out to sink the enemy and hence were also sunk themselves.

At sea, targets cannot be concealed against planes. There the plane is in its glory. But planes do not do quite so well against land objectives. There the enemy is able to conceal and protect himself, and there he can set up swarms of land-based planes. The big job of the aircraft carrier is to keep the enemy well away from the land.

U. S. destroyer "Peary" sinks burning off Port Darwin after Jap bombers raided that Australian town. Other victims of Jap planes: the British carrier *Hermes*, U. S. seaplane tender *Langley*.



BATTLESHIP "ARIZONA" BURNS AT PEARL HARBOR AFTER BOMB DROPPED DOWN FUNNEL

The U. S. S. "Lexington," giant 33,000-ton aircraft carrier, sinks in the Coral Sea after being hit five times by torpedoes from Jap torpedo planes and by direct bombs from Jap bombers.



CONTINUED



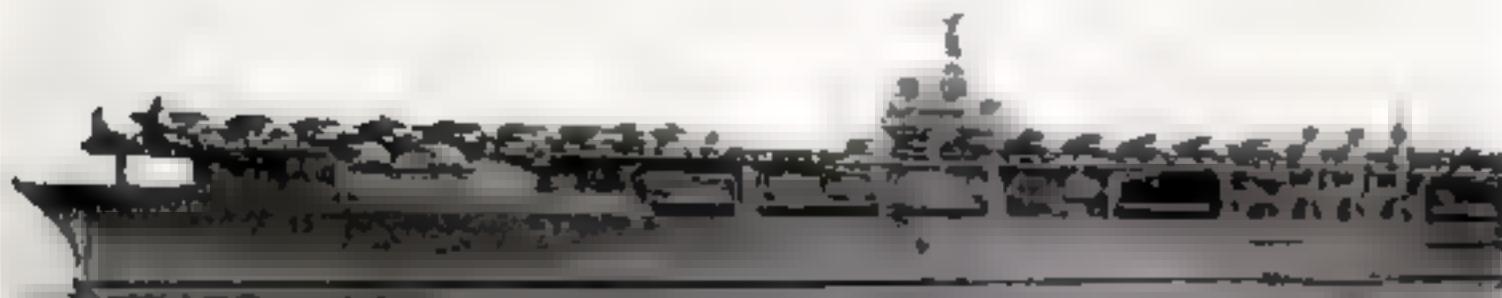
THIS IS THE 20,000-TON CARRIER "ENTERPRISE." WITH SISTERS "YORKTOWN" & "HORNET," SHE WILL BE MODEL FOR NEW CARRIERS, EXCEPT THAT THEY MAY BE BIGGER, FASTER.



"Langley" was first U. S. carrier. Only 11,000 tons and slow, she was converted in 1922 to a seaplane carrier. Once 60 years old, she is now being converted to a carrier again. She was sunk in Indian Ocean.



The "Lexington," with her sister ship "Saratoga," was the first aircraft carrier built for the Fleet. Now that the Lexington has sunk, the Saratoga is the largest aircraft carrier in the world.



The "Ranger" was first U. S. ship built from keel up as a carrier. Her smoke ducts are swung outboard. Although only 14,000 tons, she carries 80 planes, but is a little too small and slow.



"Long Island," a converted Moore McCormack freighter, is first of many converted freighters which will soon join the Fleet. Slow and small, they will be useful chiefly for convoy protection.



THE CARRIER CARRIES ABOUT 20 PLANES, CONSISTING OF FIGHTERS, DIVE BOMBERS, TORPEDO BOMBERS. THE HANGAR DECK BELOW IS WHERE PLANES ARE STORED AND REPAIRS ARE MADE

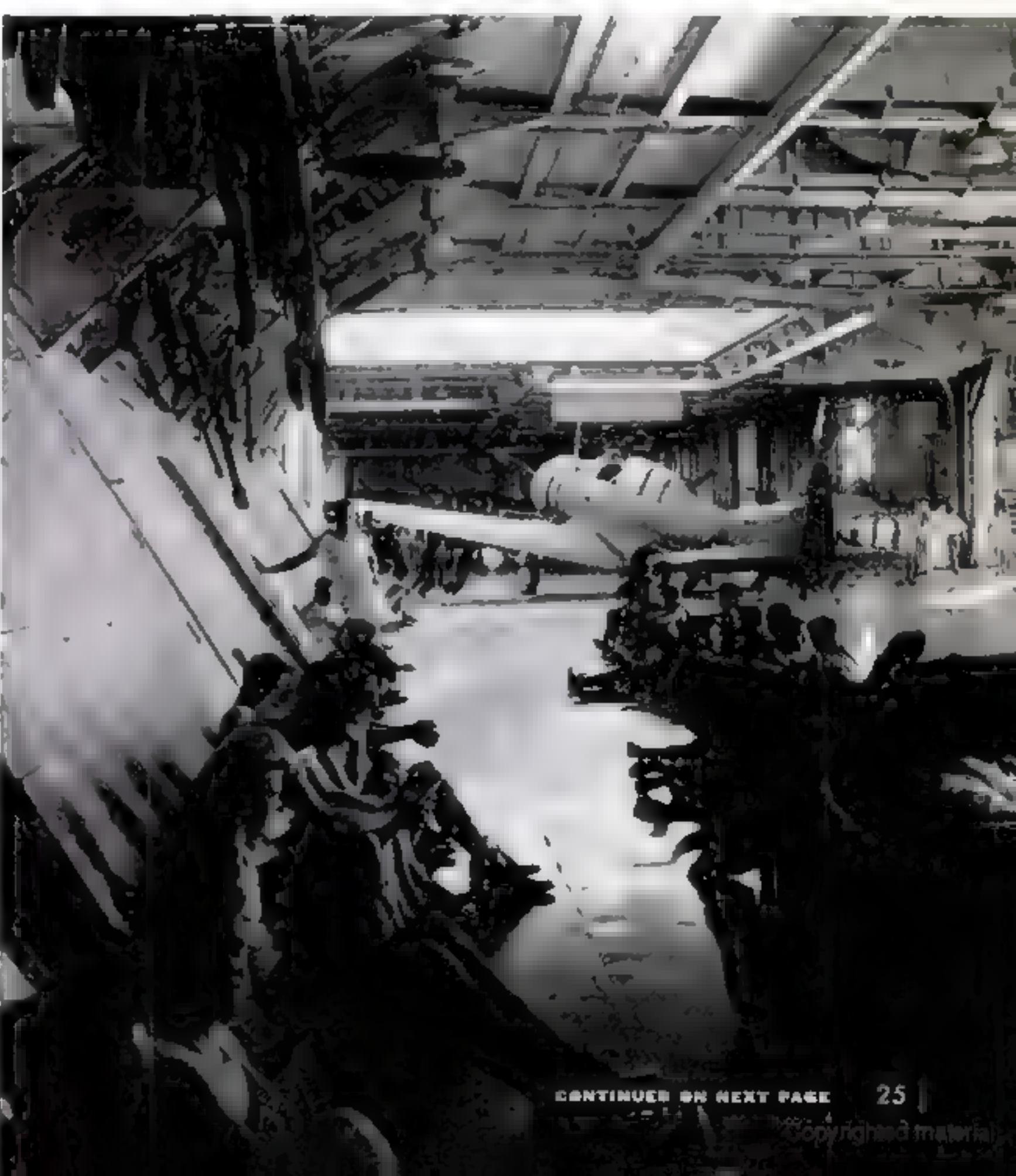
MODERN AIRCRAFT CARRIERS ARE RESULT OF 20 YEARS OF SMART EXPERIMENTATION

There were three aircraft carriers in World War I. After the Armistice, Britain, Japan and especially the U. S. began to experiment further with them. The first U. S. carrier was an 11,000-ton collier named the *Jupiter*, which in 1922 was given a flat upper deck for landing planes, rechristened the *Langley*.

After the *Langley* came the huge *Saratoga* and *Landing*, both battle cruisers converted under the Washington Naval Treaty into carriers. In 1934 the 14,500-ton *Ranger* was commissioned, the first built-for-the-purpose carrier in U. S. history. Some bugs which showed up in her design were corrected for the *Yorktown* and *Enterprise*, commissioned in 1937 and 1938. These two ships were also bigger and faster than the *Ranger*. With modifications, their design is expected to be the basic design for the 40-50 new carriers the U. S. will build in the next three years.

The modern carrier is cheaper and quicker to build than the battleship. Big, lightly armored and with its long flight deck raised at least 50 ft. off the water to permit planes to take off in rough weather, it is necessarily very vulnerable. For protection it relies on elaborate compartmentation and a speed of more than 30 knots. Below its flight deck, it is a maze of hangar decks, machine shops, gas and oil tanks, storage spaces for extra planes, engines, propellers and guns. With its high percentage of plane handlers, mechanics, radiomen and gunners, its crew is unlike the crew of any other type of Navy ship. More than 50% of its officers are fliers.

The carrier is an indispensable naval weapon. The U. S. needs all it can build. But because of the inferiority of carrier-based planes to land based planes and the increase in the striking range of land planes, it seems probable that the carrier too, within a few years, will undergo radical evolution.



ADMIRAL WILLIAM HALSEY IS A TASK FORCE COMMANDER



ADMIRAL WILLIAM F. HALSEY

carrier task force can be commanded efficiently only by a veteran seaman who is also an aviator. Fortunately the Navy has such men, though it could use more. Admiral King himself is an aviator. Rear Admiral John H. Towers, chief of the Bureau of Aeronautics, and Rear Admiral Arthur B. Cook, in charge of all aircraft operating with the Atlantic Fleet, have been trained as Navy fliers.

Most experienced of U. S. aviator-commanders is Vice Admiral William F. Halsey Jr., shown here aboard his carrier flagship during an actual task force operation against the Japs. The Navy's senior admiral at sea, he has personally led task force raids on Jap islands and bases, has seen flaming Jap bombers fall on his decks, and has won the Distinguished Service Medal for the raid he planned and led against the Marshall and Gilbert Islands.

Halsey's actual title belies his importance in the Pacific. Until a few months ago he was commander of the aircraft of the battle force, or as the abbreviation-minded Navy likes to put it, "COMAIRBATTFOR." Now he is commander of the carriers in the Pacific or "COMCARPAC." As such he not only has direct command of his own task force but also has indirect control of the movements of all other U. S. task forces in the Pacific. Because modern task forces are built around carriers, he is therefore, within the battle force, second in importance only to Admiral Nimitz.

Because he is a real aviator who at the age of 60 still flies his own plane, Halsey thinks as an aviator and acts as an aviator—rare and valuable commodities among vice admirals. The essence of his naval belief is the employment of speed rather than the employment of weight. "Hit hard, hit fast, hit often" is his method for conducting war.

Every ship in a Halsey task force must have a speed of more than 30 knots. Their operational tech-

nique is simple. The ships put out to sea from wherever their bases may be and lose themselves in the vastness of the Pacific Ocean. While at sea, complete radio silence is kept and if possible the task force stays in the middle of a dark concealing storm.

Then suddenly, off some Jap base or near some Jap fleet formation, the task force reappears. Its carriers stand a hundred miles away and launch their bombers and torpedo planes. Eventually airfields, ships, warehouses and barracks are destroyed. Then the task force retires at full speed, preferably back into a storm that conceals it once again.

Sometimes, of course, as after the raid on the harbor of Tulagi by the *Lexington*, the task force finds itself challenged by a corresponding task force of Jap ships. Then the situation shown on page 24 appears.

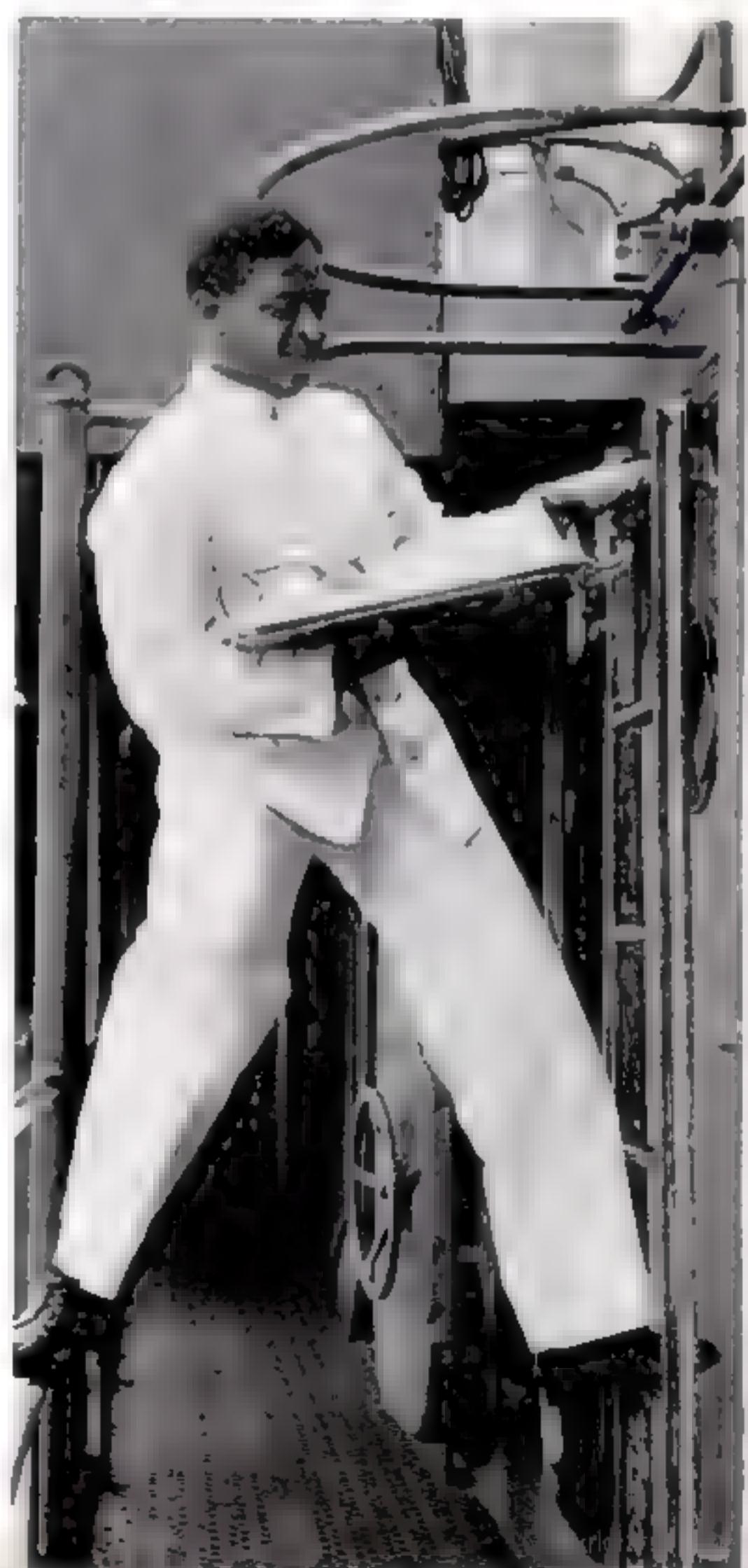
Halsey's own explanation of why such raids are so successful is this: "We get away with it because we violate all the traditional rules of naval warfare. We do the exact opposite of what they expect us to do. We deliberately put ourselves under fire of enemy batteries. We expose ourselves to shore-based planes. We do not stay behind the battle with our carriers. Most important: whatever we do, we do fast."

Aboard his ship, Halsey is the idol of all the sailors. They like working for him because, although he runs a "taut" and well-disciplined task force, he does not saddle his crews with unnecessary regulations. He permits officers and men to wear khaki without ties and even blue dungarees to dinner. He himself appears on the bridge, his steel-gray hair bristling in the wind, dressed in a huge brown sheepskin coat with a khaki shirt and no tie. In bad weather he wears a raincoat with ADM (Admiral) lettered on the back (see opposite page).

After a trip which has been particularly harrowing and dangerous, Halsey and his ships come back to port. In spite of naval secrecy, news of the battles he has won beats him home. As the carrier flagship moves to its mooring, all the men on other ships nearby send up a tremendous cheer for Halsey and his crew. The chief of staff watches Halsey out of the corner of his eye. The old seaman's face is still hard. There are lines on his forehead and around the edges of his mouth. But there are tears in his eyes.

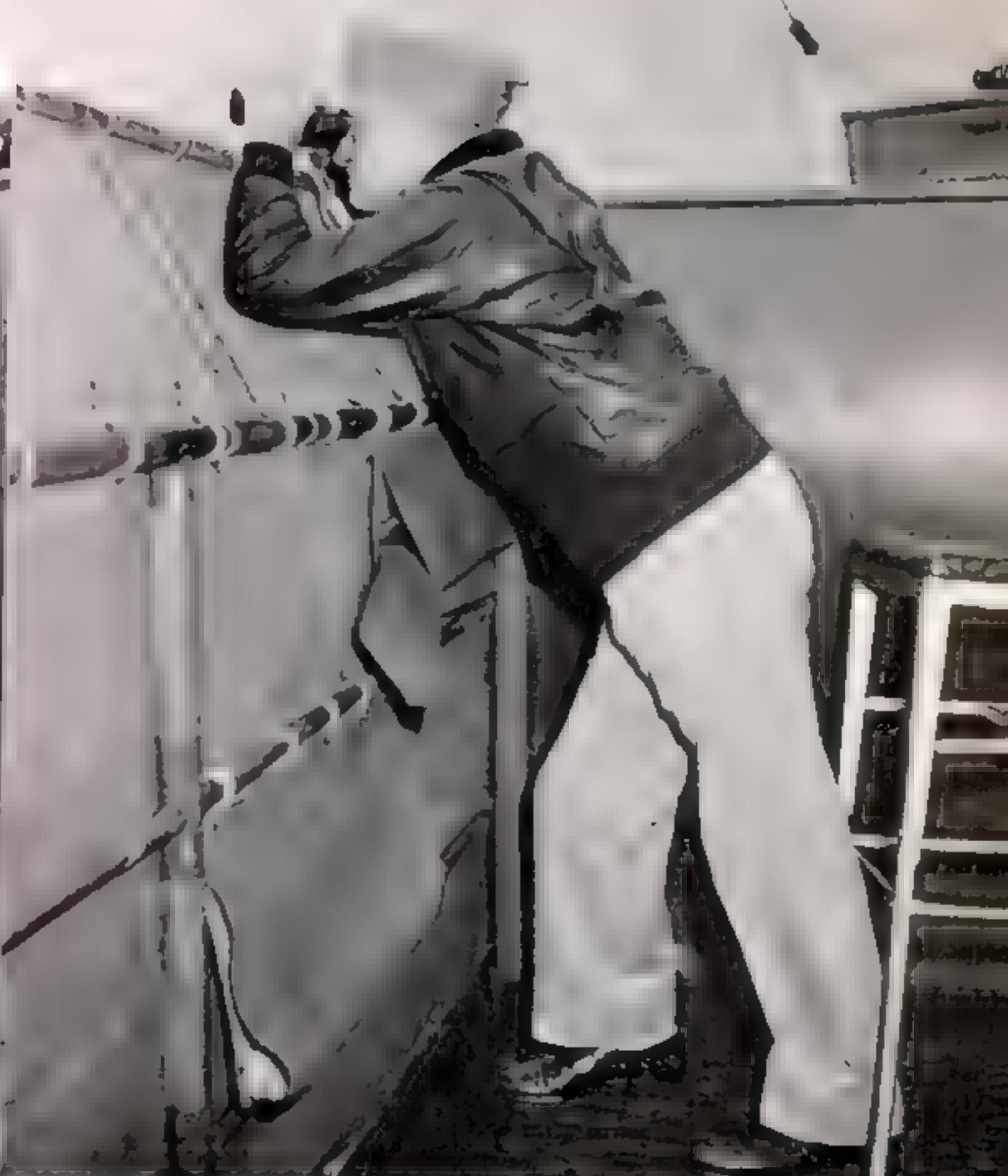


Up the island structure to his bridge, Admiral Halsey. Below: the Admiral's messboy brings the Admiral's lunch up the same steep ladder. At right: Admiral Halsey on bridge of his carrier flagship.



In a corner of the Admiral's bridge, on forward part of the signal bridge, Admiral Halsey has a high stool on which he sits virtually all day long when ship is at sea. Near by, ready to advise him or take orders, are the members of his staff.

IN FAIR WEATHER



... AND IN FOUL



LIFE ON THE NEWSFRONTS OF THE WORLD

U. S. Expands Its War Horizons To Black Sea But Not Yet China

Last week the horizon of the U. S., exploding outward ever since Dec. 7 like James Jeans's universe, kept on expanding. The folks back home got a good look at modern war in pictures and firsthand accounts of the battles of the Coral Sea and Midway. From the smoke and spray of those engagements there arose a whole new naval philosophy, as described on page 21, centering around the aircraft carrier—together with \$8,550,000,000 to build a Navy bigger than all the navies of the world combined. In addition it was learned that the U. S. had promised Russia \$3,000,000,000 worth of war materials. U. S. Flying Fortresses suddenly made their appearance in the Middle East, flying over the Black Sea to bomb Rumania. And in the Mediterranean, U. S. airmen, pouncing on the Italian Fleet, landed 35 hits on two of Mussolini's biggest battleships.

The world was getting smaller, faster. As if to symbolize the trend, the delegates of Federal Union, an organization that believes in the creation of a federal union of all free peoples, were on their way to St. Louis, in the heart of the American continent, for their second national convention, opening this Friday. It has always been the contention of the Federal Unionists that the modern world would become as small, in terms of transportation, as the original 13 colonies. They got some new evidence last week when, as casually as you would travel from San Francisco to New York, Winston Churchill dropped over the Atlantic for a business talk with Franklin Roosevelt.

The Home Front

Even on the home front the horizon lifted somewhat. After months of groping, the President signed an executive order setting up a new war information agency. Then he commandeered shrewd and homely Elmer Davis to head it up. Thus violently transplanted from a relaxed job as radio commentator to the toughest assignment in the book, Mr. Davis got the backing of the public and press. And now that the big step had been taken there were even a few generous folk ready to thank Archibald MacLeish, Robert Horton and others who have been struggling to do the war job that Mr. Davis will try.

The kind of job for which Mr. Davis should in the future supply information—and inspiration—was the rubber scrap campaign. Last week it was still too early to tell how much scrap would be collected, but indications were that it was not piling up as much rubber as some had hoped. However, a lot of patriots are beginning to take the rubber shortage seriously. In Cartersville, Ga., Mrs. W. S. Pee-

bles, a housewife who wanted to do something to help, gave away her car, complete with good tires, to the chairman of the women's defense-work committee, who needed it.

Farmer Chen

Meanwhile, on the other side of the earth, beyond the U. S. horizon, other people were struggling to survive. While Mrs. Peebles was giving her only car to the cause, Farmer Chen, bumble representative of several hundred million embattled Chinese, was creeping through a rice paddy with a stick of homemade explosive in his hand. When he was close enough to the Jap outpost he lit the fuse of his contraption by inserting it in the bowl of his pipe, stood up, hurled it accurately and ducked. Next morning when the Japs came around to take revenge, they found Farmer Chen working impassively in his field. Who had attacked the outpost last night? No one would ever know. There is no way to catch the 2,600,000 Chinese guerrillas, short of exterminating whole communities.

This has been going on in China for five years, come July 7. Since the Napoleonic campaigns no war has lasted so long and no nation in history, including Germany in World War I, has ever lost so many men in a single struggle. It is reliably estimated that 2,500,000 Chinese combatants have been killed in action. About 6,000,000 have been wounded or crippled. More than 10,000,000 civilians have been killed or wounded, and at least 50,000,000 people have been driven from their homes by the mechanized Jap barbarians. These figures challenge the imagination. The only way to visualize them is to remind ourselves that the minimum total of 68,000,000 killed, wounded or rendered homeless is almost equal to the entire population of Japan (73,000,000) in 1942.

In this titanic struggle, conducted by a raw, new government against an implacable aggressor, the Chinese have always made one unspoken assumption. Sooner or later, they felt sure, the free peoples of the West would come to their assistance. That assumption keyed up exhausted administrators in Chungking and kept the soldiers going year after year. But the people of the West, and specifically the U. S., have let China down. The U. S. and Britain have been pushed out of one vital position after another, so that the Chinese military situation is now worse than ever. Moreover, insiders know that aid to China is to be measured at present not in millions of tons, nor even in thousands, but in a few dribbling hundreds per month. All the talk about helping China has been so much sham.

World Strategy

Now the Chinese see clearly the tough alternatives with which U. S. strategists are confronted. They know that we must concentrate our offensive forces somewhere, and

they accept the fact that this concentration should be against Hitler. But the Chinese point out that it will avail us nothing to win the war in Europe if at the same time we lose it in Asia. To win our own war we must somehow prevent the Japs from extinguishing the fire in the breast of Farmer Chen.

For this purpose we do not have to send a vast expeditionary force. We can keep Farmer Chen in the fight with three simple moves:

First, we must send China war equipment. While the quantity involved ought to be many times what is now being shipped, it need amount to only a small percent of our total war production. China needs some share of our critical materials, airplanes of all kinds. It is estimated that just a few hundred transport planes based in India could carry as much tonnage per month as all the trucks that formerly plied the Burma Road.

Secondly, every patriotic American should contribute to China Relief. This private agency, which has already raised nearly \$7,000,000, provides the Chinese with supplies and services indispensable to the war. It helps officials with fixed salaries meet the devastating inflation. In previous wars Chinese wounded were left to crawl off the battlefield as best they could, or to die. In this war, with the help of China Relief, they are cared for—thus morale is maintained.

Finally, the Administration should take immediate steps to admit China as an equal in the councils of the United Nations. Even though our main drive is concentrated on Hitler, China should share in our strategy. If China is to struggle for freedom, she must feel sure that she is a part of the freedom-loving world.

These simple steps might make the difference between victory and defeat in Asia. Yet the U. S. has not undertaken them, and the reason is that our exploding horizon has not yet expanded far enough. Until it does, we run the risk of losing in the Pacific the battles that we may win in the Atlantic. In a sense the war in Europe is a civil war between different nations belonging to the same civilization. As such, it is a big challenge. But for the advocates of freedom the challenge of Asia is even bigger. In Asia there lies a new opportunity for the extension of those principles of human equality without which Americans cannot happily live. Should the Japs win in Asia, darkness would fall over a billion people and perhaps out of the darkness there would come, in the not very distant future, terrible intercontinental race wars between yellow men and white. And in the fire and brimstone of those wars freedom might be forever extinguished.

But if China can be saved now, an opportunity will automatically arise for a new affirmation of the principles upon which our own Revolution was founded. And those principles, however modified by a great native Chinese culture, might lay the foundation for an entirely new era in the history of mankind.

PICTURE OF THE WEEK

America's alliance with its 27 fellow-combatants of the United Nations was dramatized throughout the U. S. the weekend of June 13-14. In cities

and towns from coast to coast civilians and servicemen paraded and the flags of the 28 United Nations flew side by side. The best patriotic show was

the "New York at War" parade June 13. It lasted eleven hours; 500,000 marched. Opposite you see one of the participating infantry battalions.



Country units and new volunteers as 500,000 march in war mobilization parade



LIGHTLY ARMED JAP INFANTRY, LED BY TWO MOUNTED OFFICERS, ADVANCES NORTH OF MOULMEIN THROUGH MARTABAN, PAST SQUATTING ROWS OF BURMESE FIFTH COLUMNISTS

LIGHTLY ARMED JAPANESE FILTER UP THROUGH BURMA

THREE OF THE FEW JAP TANKS IN BURMA, 5-YEAR-OLD 14-TONNERS, COME OVER A PLANK BRIDGE PAST A WRECKED BRITISH AMBULANCE. NOTICE HORSE TRANSPORT MIXED IN

Last week the first original pictures of the Jap invasion of Burma reached the U. S. The date was early February. Singapore was about to fall. Batuan was still magnificently holding. And the British felt super-confident of keeping at least Burma. They were sure

the Japs would fight along the roads and railroads. Instead, the hardened little men shown here were just as ready to advance along ridges and through jungle. They traveled light but usually not, as dispatches had it, in shorts and undershirts. By June 1, they had





MOST VICTORIOUS JAP GENERAL, TOMOYUKI YAMASHITA, CONQUEROR OF SINGAPORE AND BATAAN, IS SEEN STEPPING THROUGH RUINS IN MALAYA WITH STAFF AND PHOTOGRAPHER

driven the British and Chinese out of Burma. Today the monsoons are sweeping over Burma and seriously impeding the British and American efforts to bomb the invaders from the air.

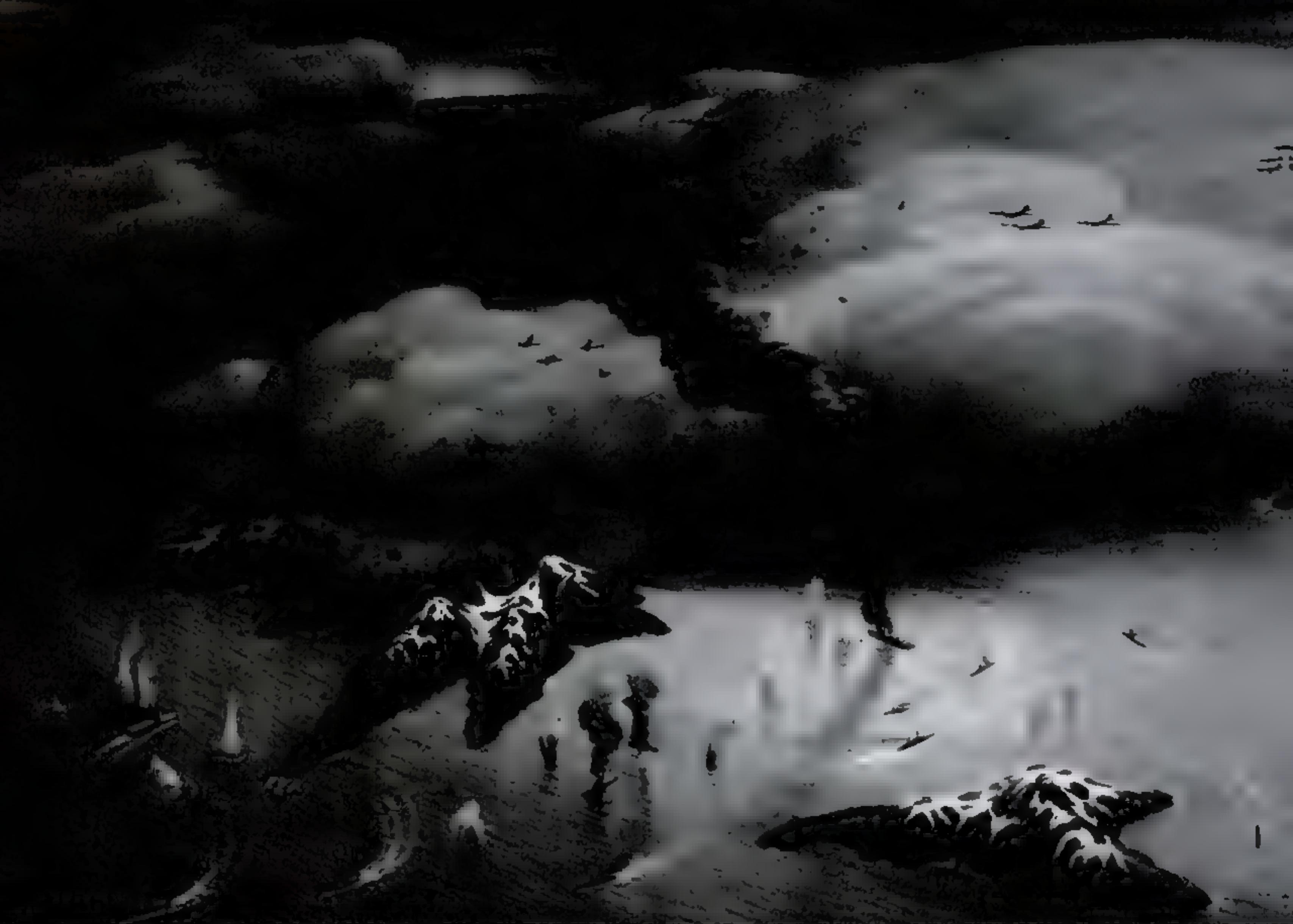
The No. 1 Japanese conqueror in the Southwest Pa-

cific was however, the conqueror of Singapore who then went on to reduce Bataan and Corregidor. Lt. Gen. Tomoyuki Yamashita *above*. He is supposed to have been the first Japanese to swim the Johore Strait to Singapore Island. A brutal, puffy-faced, mustoling

megalomaniac, Yamashita laughtly received surrenders of Singapore's General Percival and Corregidor's General Wainwright. He aided Germanize the Japanese air force, which has in turn taught the Germans many a trick. Yamashita knows his military business.

JAP COLUMN IN BURMA CROSSSES FOOTBRIDGE BESIDE WRECKED RAILWAY BRIDGE, SOUTH OF MOULMEIN. TROOPS WEAR SUN HELMETS, CARRY LIGHT PACKS AND STEEL HELMETS





Winging over Attu (left) from their bases on Kiska Island, and Dutch Harbor, U.S. planes rained bombs on a Japanese

task force in water surrounding the Aleutians' western anchor. The strategic importance of Japan-occupied Attu and Kus-

ka is shown here in hemisphere perspective. From Attu to Dutch Harbor (where Navy patrol bombers are shown taking



MOUNTAINOUS ATTU IS ONLY INHABITED AMERICAN ISLAND IN EASTERN HEMISPHERE



NEAT HOUSES LINE ATTU'S MAIN STREET. COMMUNITY IS RUN ON COOPERATIVE BASIS



THIS RUSSIAN-GREEK CHURCH IS SPOTLESS. ATTU ALSO HAS SCHOOL BUT NO TEACHER



ATTU'S ELECTED CHIEF, MICHAEL HODIKOFF, RUNS ISLAND, SERVES AS DOCTOR, PRIEST



off) is 800 miles. From Attu to the Alaskan mainland (where Mt. McKinley glitters in the distance) is 900 miles. These waters

have been secretly explored for years by Japanese Navy officers disguised as fishermen. If the Japs are allowed to hold

Attu and Kiska and advance their bases eastward, the U. S. may, some day, find the enemy's shadow upon continental soil.

WAR IN ALEUTIANS

Of all the world's far-flung theaters of war, the most murky and menacing last week was the subarctic arena of the Aleutian Islands. There, in cloud-hung wastes of perilous sea and volcanic rock, lurked the enemy. The Japs had moved in quietly under the fog a fortnight ago, scarcely noted amid the spectacular thunders of Midway. On June 12 the U. S. Navy acknowledged their presence on undefended Attu Island, at the extreme western tip of the Aleutian chain, and in undefended Kiska Harbor, 200 miles to the east. Later, U. S. bombers attacked Japanese forces in those waters, sank a cruiser and damaged eight other ships (above). What has happened since remained a mystery at last week's end. Lack of news, and presumably of action, was blamed by War and Navy departments on the Aleutians' unfurling fog.

U.S. BOMBERS BLAST JAP FORCES OCCUPYING ATTU AT FAR WESTERN END OF ISLAND CHAIN IN ALASKA

In Washington some officials shrugged off the occupation of Attu. Others viewed it with supreme concern. Strategists have long held the Aleutians the natural bridge for U. S. offensive operations against Japan. Attu lies, moreover, only 800 miles from the Navy's important Dutch Harbor base. With the memory of Jap island-hopping in the Indies still vivid, it seemed folly to deprecate the enemy's presence on this first steppingstone to the American mainland. Attu's only importance is strategic. One of the world's most inaccessible islands, it is inhabited by some 60 native Aleuts who hitherto have seldom seen more than one visiting vessel a year. The rare photographs of Attu shown here were taken by Archaeologist Alan G. May of Wenatchee, Wash. while on a survey of the Aleutians for the Smithsonian Institution in 1938.



THIS AIR VIEW OF A BLEAK ALEUTIAN GROUP WAS TAKEN THROUGH A RARE BREAK IN THE MISTS THAT CONSTANTLY OVERHANG THE ISLANDS. FOG, RAIN, GALES ARE UNCEASING



NAZI BOMB FELLED THIS YOUNG WOMAN, SPLIT OPEN HER PURSE AND CAST RUBBLE ON HER BEST DRESS AND LACE-TRIMMED SLIP. CONCUSSION PROBABLY KILLED HER

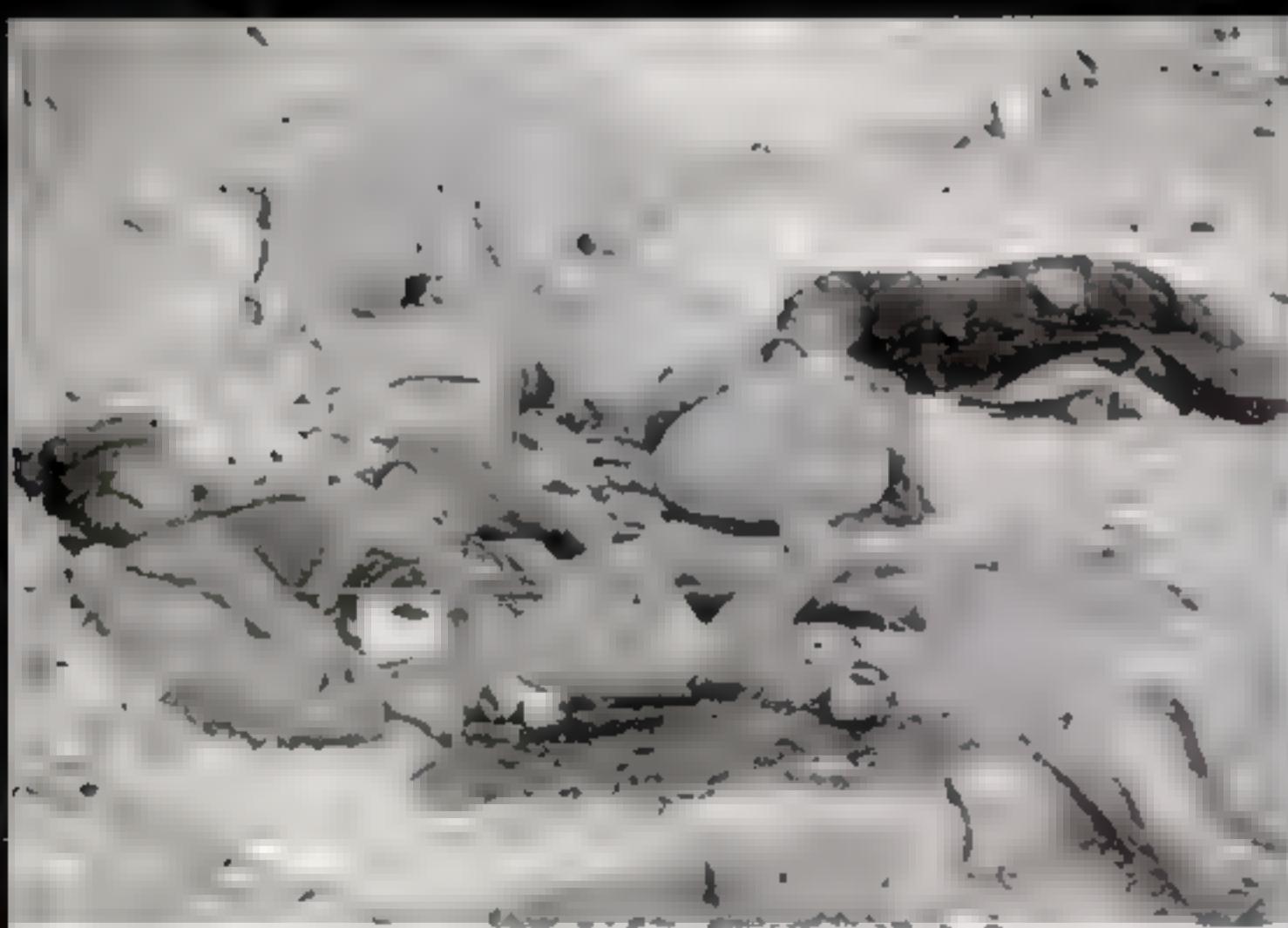


Charge of rape before murder is brought by Russians against the Nazis killers of this young woman worker on a cooperative farm. Bigot mortis has set in. She was about 21.

MURDER WITHOUT PASSION IS NAZI METHOD WITH RUSSIAN CIVILIANS

The German total war on civilians is answered by the Russians with total civil war on the Germans. Civilians in the advance posts at Leningrad and Sevastopol. Civilians fight beyond the lines. The German answer to this is that all rules are off. Some of the results are shown on this page. The Russians call them "atrocities" - a word the Nazis deny has any meaning in this kind of warfare. To Americans they may seem unreal and impossible but they are real enough to the people involved.

Wrapped up in maps and geopolitics and the next thousand years, Hitler has only decided to depopulate Europe except for Germans. Starvation and disease help but they need the assistance of the machine gun, the bomb, the torture. In one district, Tolosum, west of Moscow, the Nazis shot to death 707 civilians. In one village, exhumed 276 inside, hanged eight and froze to death 115. Only one of these families had a relative fighting with the guerrillas but of course all had helped the guerrillas. The Nazi policy is that Nazis are right and everybody else is wrong. This self-righteousness, seen as that of a Spanish Inquisitor, gives the final note of horror to the Nazi mass murders in Russia and Occupied Europe. These bodies cannot easily be forgotten in the peace table even by the most charitable and forgiving of Christians.



Left by the Nazis are these three. Woman in foreground has a wound in the stomach and a compound leg fracture, is bleeding profusely and has been thrown off the wall or boat.



Russian child lies where he died, evidently suffering from fractures of the skull and left arm. Face is frozen. Some of this is an atrocity in war but Germans have too much of

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For steady enjoyment, make your next pack Chesterfields... regardless of price, there is no better cigarette made today.

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with Smokers everywhere *They Satisfy*

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CIGARETTES
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You deserve two Oscars for this picture!

DIRECTOR: You mean the Academy Award? Thanks for the compliment. But what would the second award be?

us: The second award, sir, is a drink on us—as a toast to the success of this new film of yours.

DIRECTOR: An excellent idea. We'll stop off on the way back to town.

us: Good—and since this is a very special toast, let's use a very special whiskey—today's *Four Roses*. Have you by any chance tasted it?

DIRECTOR: I haven't—but I've been meaning to.

us: Then you can't possibly know what mellow-rich magnificence can be yours to enjoy in a whiskey. In fact, so mild in modesty we'd like to say that the golden grained perfection of

today's *Four Roses* is almost beyond belief.

DIRECTOR: I sort of get the idea you're rather proud of this whiskey of yours.

us: That's correct, sir! And how could we help but be? In all the 77 years we've been making fine whiskies, we've never known a whiskey so soft and full flavored—so surpassingay fine in every way—as today's *Four Roses*!

DIRECTOR: If I may coin a word to buy's *Four Roses* sounds colossal! Let's be on our way!



*Four Roses is a blend of straight whiskies—two proof. The straight whiskies in *Four Roses* are 7 years or more old. Frankfort Distillery, Inc., Louisville & Distiller.*



YOU'VE NEVER TASTED SUCH WHISKEY
AS TODAY'S **FOUR ROSES!**

REUNION IN SIENA

American girl tells of her internment in Italy

by TEDDY LYNCH

Louise Dudley ("Teddy") Lynch was one of the nine American journalists who were interned in the Hotel Excelsior, Siena, Italy from Dec. 27, 1941 until May 2, 1942. Primarily a singer, Miss Lynch became a newspaperwoman so that she might stay in Rome after her original passport expired, wrote weekly articles for the New York *Herald Tribune* on difficulties of wartime housekeeping.

Back home after a three-year separation from Husband J. Paul Getty, president of Spar-
tan Aircraft Co., she plans to go on with her lessons, hopes eventually for an operatic career.

The progress of the war up to last summer, viewed from the sunny terrace of a Roman villa, was not exactly calculated to alarm the average shortsighted American. It certainly didn't alarm me. I had been in Rome since the summer of 1939, studying singing, and my life had fallen into an agreeable pattern of hard work and occasional relaxation. Every morning I would leave my apartment on the top of Janiculum Hill and drive across the city to the studio of my jug-shaped maestro, Signor Julio Moreschi.

Julio and I ignored the war as much as possible and stuck to the business of limbering up the husky contralto voice with which I used to perform as a society singer in New York night clubs. Come hell or high water, I was going to be a lyric soprano.

I listened without much attention to the complaints of my maestro about food. He was 5 ft. 4 in. tall and was reduced to 285 lb. because he was no longer able to get the mountains of white spaghetti he loved and now had to subsist on a dark brownish-black substitute. My own food was excellent. I had one maid, a dead ringer for the housekeeper in *Rebecca*, but she kept me well-fed and the apartment spotlessly clean.

Suddenly the U. S. Embassy cancelled all visa extensions of American citizens in Italy. But I wanted to stay on in Rome, and in February 1941 Allen Raymond of the New York *Herald Tribune* office gave me a job as a reporter. In October the *Herald Tribune* office was closed and Raymond left for Egypt. I was ordered to go home, had interminable difficulties with my passport and exit visas but finally secured plane space for Dec. 9. On Dec. 6 all American exit visas were cancelled. The next day the first reports of Pearl Harbor came over the radio. I spent the next two days trying to get some attention in the Swiss and American embassies, suddenly transformed into whirlwinds. No luck. On Dec. 11 I stood in the Palazzo Venezia and listened incredulously to the roly-poly marionette on the balcony declare war against my own country.

I was an enemy alien. I went immediately to the Foreign Press Club, arriving just in time to see Camille Ciansarra, New York *Times* man, being taken out by the police. When I got back to my apartment, two policemen were waiting for me. We sat in my kitchen like strange cats in a backyard, polite, circumspect but suspicious, while I had supper and made them some coffee. Then I was taken down to headquarters and put into a small room, unfurnished except for a table and a picture of Mussolini. The uproar was amazing, as people ran up and down outside my room and shouted to each other and into the telephone. I sat on the table for four hours, was then taken before the chief, who told me that I was to be sent to a nunnery for the night where I could have a comfortable private room if I wanted to pay for it. That was fine with me; I had 10,000 lira with me.

I was bundled into a huge black Mercedes and trundled off to a building which, in the darkness, looked like a Warner Brothers version of the Bastille. I was admitted by a sister holding a lantern, who took me into a room where I was fingerprinted, made to sign the prison log (it turned out that I was in a female jail, not a nunnery) and relieved of all my money, jewelry and cosmetics. One of my two rings was tight, so it was cut from my finger. Since the cells were full, I was told to settle down on a bundle of straw in the narrow hall in company with 15 other women, all snoring loud enough to rattle the bars.

I spent the night huddled on my straw, vainly trying to keep warm, cursing myself for not having brought even an extra sweater. But the police chief had told me I would be released in a day, so I remained fairly cheerful. We were roused at 5 for mass. I was stiff with cold, exhausted and hungry, and the sights and smells of the ragged dirty bodies clambering to their feet was too much. We washed without soap at a cold-water spigot. The toilet was a foul hole in the floor with a smell that made me dizzy. I doubt if it had ever been cleaned.

For breakfast we were herded into a line and served black bread and bitter black coffee. I spent the morning locked in a cell with four other women. One was a petty Nazi agent, too unimportant for her government



Teddy Lynch started as a society crooner at Stork Club, Waldorf-Astoria and in musical comedies but discovered she was a lyric soprano and switched to opera in 1939. She went abroad to study, first in London, then in Rome where she found time for tennis (above) as well as music.



On her Roman roof garden, Teddy Lynch (left) danced gaily with friends in 1939. When war broke out her husband returned to U.S. but she stayed on to continue her studies. Below: Montelatone Prison in Rome where she spent five days in December 1941 before being sent to Siena.

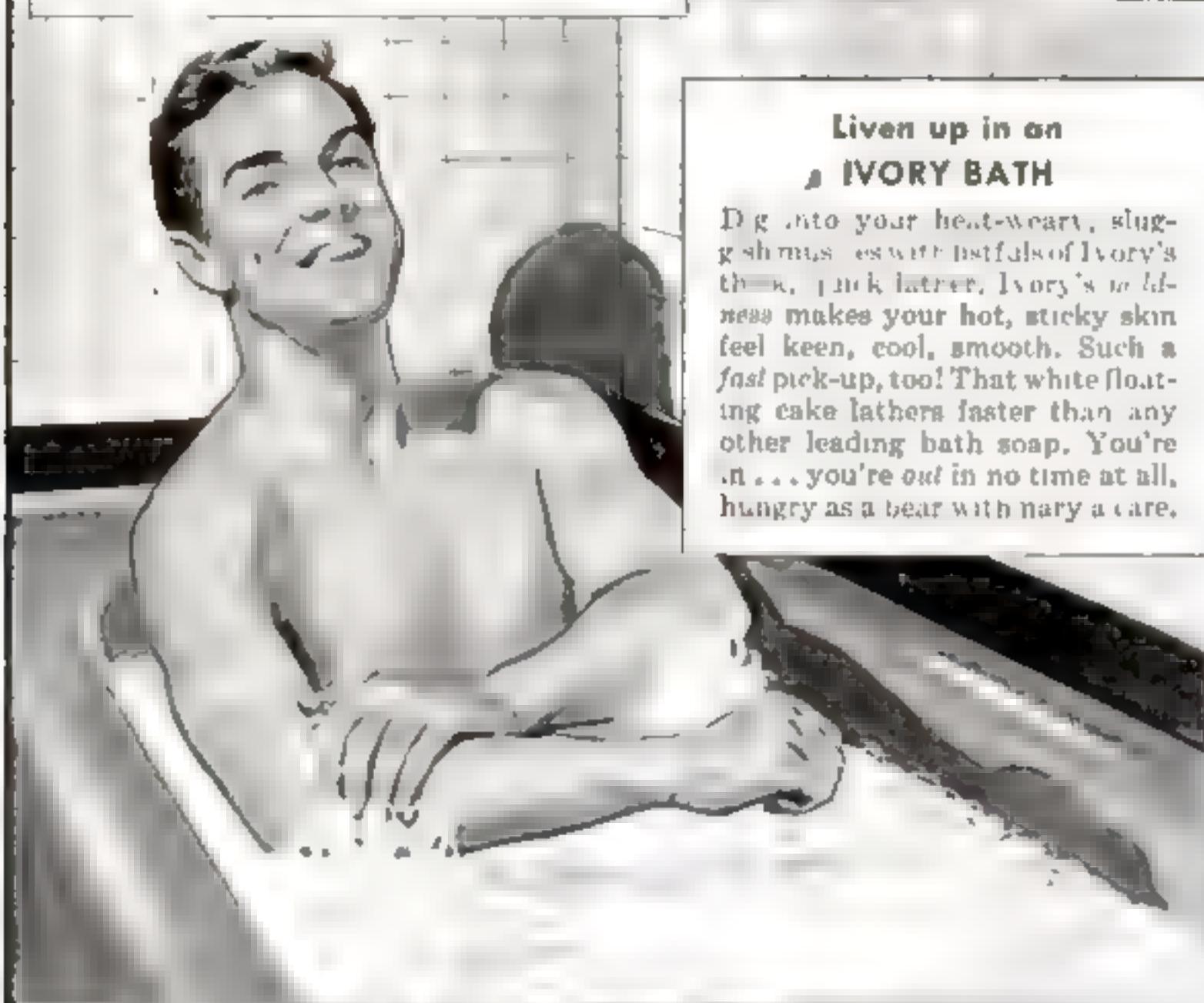


Remember ME? I'm your WIFE!



Buried in the paper again

You've come home too hot and tired even to talk, much less have fun! But, man, you can make evenings the Best Part of the Day if . . . just before dinner, you take a dip in the tub with a cake of Ivory soap!



Live up in an IVORY BATH

Dig into your heat-wear, sluggish shamus, es with handfuls of Ivory's thick, slick lather. Ivory's *whiteness* makes your hot, sticky skin feel keen, cool, smooth. Such a fast pick-up, too! That white floating cake lathers faster than any other leading bath soap. You're in . . . you're out in no time at all, hungry as a bear with nary a care.



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You're as full of bounce as a coil spring after your Ivory Bath . . . good for hours of fun. Half the secret's that fresh, clean "Ivory" smell that makes you . . . better company. The other half's that more luxurious Ivory lather that makes an Ivory Bath specially refreshing. Get a Fresh Start every evening in an Ivory Bath!

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For a FRESH START... take an IVORY BATH

REUNION IN SIENA (continued)

to bother about releasing. Another was a Hungarian Jewess, imprisoned for her failure to declare \$5 worth of jewelry as she left the country. Third was a young Italian girl who had served eight months of a life sentence for attempting to steal something during a blackout. Last was an abortionist.

The morning was broken by a 15-minute promenade in a small court. Then came a lunch of vegetable soup, followed by a deadly long afternoon of wondering when I would be released. No word came. We were led away for more prayers at 5:30, at which all the sinners around me sobbed and moaned. Supper consisted of hot milk and more black bread. By that time I was hungry enough to eat something, instead of giving my entire meal away to my ravenous cellmates, as I had done previously. I lay awake all that night, unable to sleep because of the cold and the full orchestra of snoring. Our part of the jail was below the level of the Tiber and the walls ran with a chilling dampness day and night.

On the morning of the fifth day my cook showed up, and never have I been more glad to see anyone. She had clean clothes, a warm sweater and a blanket with her, plus a box of oranges. My cellmates and I dug into these with a sort of desperate delight. When we were halfway through, an attendant entered to announce that I was free to leave for my apartment in the custody of a policeman, who was waiting for me. I made the policeman wait while I finished the best orange I had ever tasted.

A group of American correspondents had been interned in a hotel and I was to join them. Back in my apartment I packed a suitcase full of warm clothes and was delivered to a new group of jailers at a little fourth-rate hotel, the Pension Suquet, where I found the following American newspapermen in residence: Herbert Matthews and Camille Cianfara of the New York Times, Richard Massock of the Associated Press and Reynolds Packard, Livingston Pomeroy and Robert Allen-Tuska, all of the United Press. I was given a small room to myself and spent my days with the men in a large common room which we christened the Suquet Club.

The food was poor but adequate. On the whole we were very comfortable. The wives of Allen-Tuska and Cianfara were at liberty in the city and they brought us cigarettes, liquor and cards. Only fly in the ointment was one squadron of guards who clattered around like the extras in the marching scene of *Aida*. Anyone who wanted to go to the bathroom, which was in another part of the building, had to call a guard, who waited outside the bathroom door and solemnly conducted him back to the common room when he was through.

On Dec. 21, a man arrived with a list, and instructed all the correspondents that they were to be permanently interned in Siena, a city 115 miles north of Rome. I was not on the list.

I watched them pack, said goodby, hung out of the window and waved to them as they were driven down the street in a police truck. I could hardly bear to pull my head back into the silence of our jolly Suquet Club which in a matter of minutes had turned into a tomb.

I felt completely marooned. For three days I could bring myself to do nothing but stare out of the window, although I had music scores and books to read. On Christmas Day I roused myself sufficiently to order a plant and get permission to have my hair done by a hairdresser. My morale thus bolstered, I was in the proper mood to take calmly the momentous news, delivered to me late Christmas night, that I too was to be sent to Siena.

CONTINUED ON PAGE 18



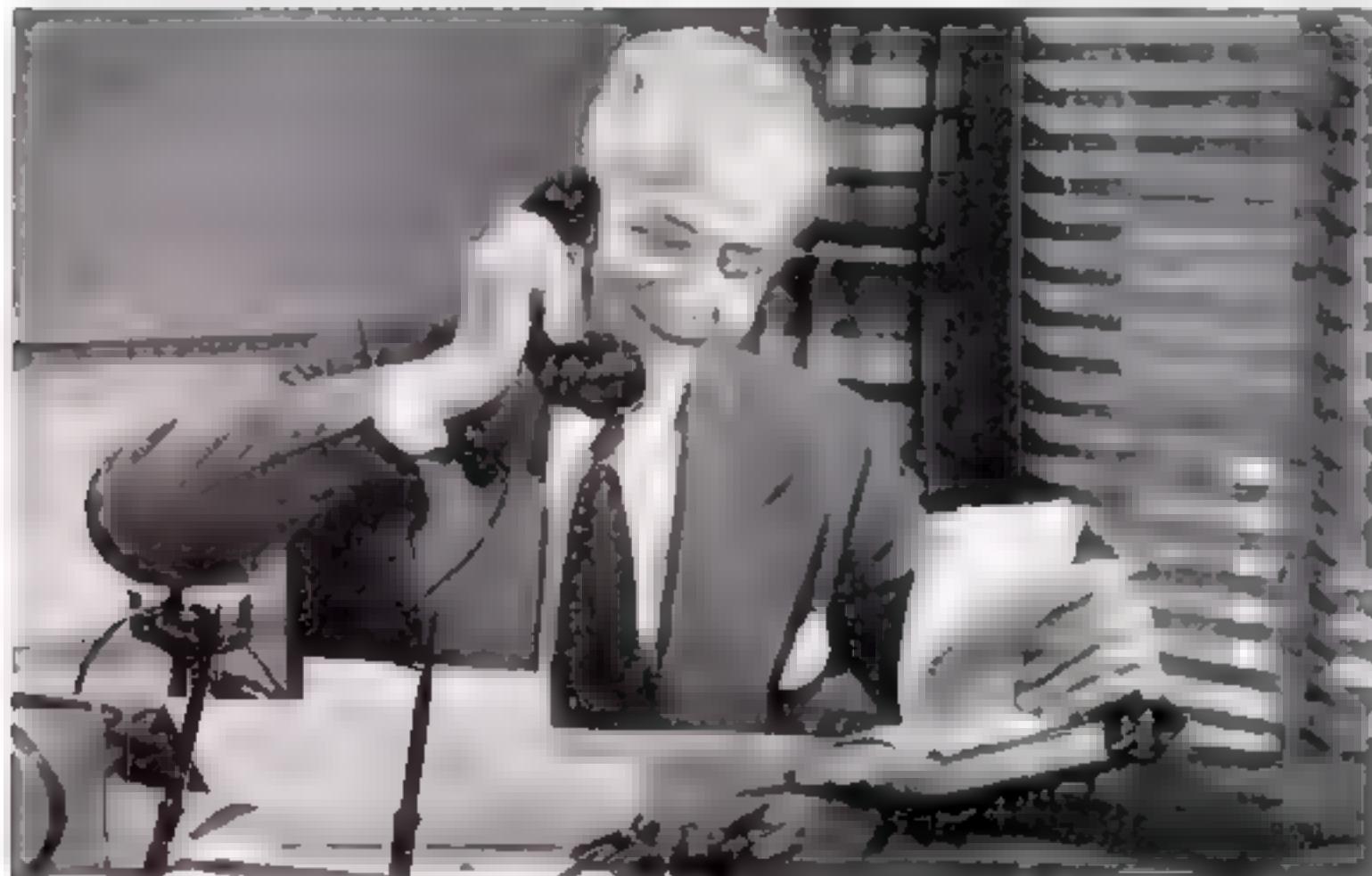
Cooking in fireplace was common pastime in Siena although Italian Government furnished plenty of food. Internees got along well together, adopted hobbies to kill time.

Citations to Civilians



This war is being fought on the civilian front as well as on our far-flung battle-lines. Because transportation plays such a vital part in

it, those whose cooperation helps make the most effective use of available travel facilities merit commendation. Hence, these citations:



1. To ROBERT EDMONDS and to thousands like him: for making Pullman reservations *early*. This helps railroads determine in advance the number of sleeping cars needed on each train; helps Pullman provide these cars where they are *actually needed* from equipment available after troop train requirements have been met.



2. To KENNETH LAIRD and to thousands like him: for cancelling Pullman reservations *promptly* when plans change. This enables someone else to get a good night's rest in a bed that otherwise would be vacant. With all travel facilities essential to the war effort, it is wasteful for a train to pull out with empty sleeping space.



3. To MARY ZIMMER and to thousands like her: for planning the family vacation with the help of a travel agent in order to select a train with space available and a starting date when travel is apt to be lightest. And for conserving space in sleeping cars by taking as little luggage as possible.



4. To WILLIAM JOHNSTON and to almost every other wartime traveler: for the helpful cooperation with which he accepts Pullman accommodations other than those he asks for. After all, he gets a good sleep and enjoys complete privacy whether he occupies an upper, lower, section or room. And some soldier may be sleeping in the space he *might* have had!

* * *

The railroad's big job for the duration is to "keep 'em rolling". And Pullman's big job is to "sleep 'em rolling"—both soldiers and civilians. Since the number of sleeping cars needed to move troops sometimes leaves less than enough to serve *you* in the customary Pullman manner of "whatever you want, whenever you want it", your cooperation is needed—appreciated—and heartily commended!

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Go Pullman**

★ KEEP YOUR PLEDGE TO BUY UNITED STATES WAR BONDS AND STAMPS ★

A SPECIAL PREPARATION FOR SHAVING

FOR THE 1 MAN IN 7 WHO SHAVES DAILY

It Needs No Brush Not Greasy or Sticky

Modern life now demands at least 1 man in 7 shave *every day*—and men in service must get clean shaves, too. Yet daily shaving often causes razor scrape, irritation.

To help men solve this problem, we perfected Glider—a rich, soothing cream. It's like your wife's "vanishing cream"—not greasy or sticky.

SMOOHS DOWN SKIN

You first wash your face thoroughly with hot water and soap to remove grit and the oil from the skin that collects on whiskers every 24 hours. Then spread on Glider quickly and easily with your fingers. Never a brush. Instantly Glider smooths down the flaky top layer of your skin. It enables the razor's sharp edge to glide over your skin, cutting your whiskers close and clean without scraping or irritating the skin.

ESPECIALLY FOR THE 1 MAN IN 7 WHO SHAVES DAILY

For men who must shave *every day*—doctors, lawyers, businessmen, service men—Glider is invaluable. It eliminates the dangers frequent shaving may have for the tender face and leaves your skin smoother, cleaner. Glider has been developed by The J. B. Williams Co., who have been making fine shaving preparations for over 100 years.

SEND FOR GUEST-SIZE TUBE

If you want to try Glider right away, get a regular tube from your dealer. If you can wait a few days, however, we'll send a generous Guest-Size tube for only a dime and any used metal tube. It is enough for three weeks and is very handy for traveling.

On this test we rest our case entirely—for we are positive that Glider will give you more shaving comfort than anything you've used.

Send your name and address with ten cents and a used tube to The J. B. Williams Co., Dept. CG-12, Glastonbury, Conn. Offer good in U. S. A. and Canada only.

Emmett D. Hulburt
PRESIDENT

REUNION IN SIENA (continued)

Siena was really wonderful. It is a beautiful place, groaning under a thick crust of art and history. Our hotel was extremely comfortable. We had the run of the city, took walks and bicycle trips almost every day, played tennis, and sat lazily on the hotel terrace in the sun while we watched the local football teams struggle below us on Sunday afternoons.

The correspondents got along together extremely well. Each of us found plenty to do, and although there were periods of gloom suffered by all, we might have been a bunch of college instructors enjoying a long easy vacation with our wives and friends. We had one radio and all the foreign news. I had a grand piano put in my room, and was able to practice every day. Several of the men worked long hours over their writing. We had cocktails together before dinner and spent almost every evening in long debates liberally laced with alcohol, or even longer bridge games. The exception was Matthews who, with some mysterious sixth sense, always knew when it was midnight. He would confirm this with a hasty glance at his watch and trot off to bed, never missing what we called his bedtime by more than a minute.

We were rather shy on books. I plodded through Gibbon's *Decline And Fall* as far as the follies of the Emperor Commodus, but Matthews grabbed it, finished it in a week, and then went right through the Bible without stopping for breath. Reynolds, Packard and I started raising birds, competing sternly for the largest and most rapid reproduction. I won the speed laurels with a canary egg on Easter which was hatched 13 days later. But Packard went hog-wild on quantity. At one time he shared his room with several pairs of canaries, four lovebirds, and a pair of small aggravating blackbirds which neither sang, flew, nor had any offspring at all. Packard perversely insisted that these were his favorites. Pomeroy, when bridge or reading interest ran thin, induced us all to try our hands at painting and sketching, which we did with little success but enormous pleasure. Massock never drew before 4 a. m., then he confined himself to symbolic fish, towering brick walls, and graphic comments on other hotel guests who complained about the noise we made.

On the whole, our internment couldn't have been pleasanter. The Italians were very kind, never once treated us as enemies, and I can only echo the contention of more acute observers than myself that they want none of this war and will be weak with relief, if not starvation, when it is over.

The order for us to return to Rome to prepare for repatriation on the Swedish ship *Drottningholm* came just as our idyllic exile might have begun to pall. We had one day to put our affairs in order. I gave my apartment, whose lease still had months to run, to an Irish girl who was stranded in Rome. I had a last singing lesson with Julio, now down to 245. My books went to the British prisoners camped in Rome. We went aboard the *Drottningholm*, arriving in New York on June 1 after a long, crowded trip. It was Douglas Flood, I think, who composed the following song, which we droned out far too many times to the tune of *Home On The Range*:

Oh, please take me home on the old *Drottningholm*
Where the unemployed diplomats play,
Where seldom is heard an intelligent word,
And the bar remains open all day.

And that, incidentally, was the first song on which I tried out before an audience my newly acquired lyric soprano voice.



In dining room of the Hotel Excelsior, internees ate together. Wine was free, Scotch cost \$2.50 a bottle. Miss Lynch (at far left) was offered \$15 for six-month-old cigarettes.

For the Taste
Connoisseur

RONRICO

Best RUM bar none

Buy this delicious rum contains over 100 tested wine and food recipes, send for free copy.
Ronrico Corporation, Dept. A, Miami, Florida.
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SUMMER SKIN COMFORT

AMMEN'S POWDER

AROUND THE WORLD



Found! A cool, sparkling, ready-to-eat meat that's a Big Vitamin B Bargain!

Celebrate the Fourth with Armour's Treet—
America's tastier meal-in-a-minute meat!

Having a porch supper, picnic, family dinner over the Fourth? Plan it around a big platter of delicious cold sliced Treet, the ready-to-eat meat! Serve it with potato salads...tall, tinkling glasses of iced tea...hot buttered rolls. So easy, and so delicious!

Treet's so rich in food values! Made only of juicy shoulder pork and tender

ham—Treet is all pork—the richest of all meats in Vitamin B₁—rich in other B Vitamins, too! It's a fine source of food energy—provides phosphorus and high-quality complete proteins.

Treet is grand for holding your budget in line and keeping your family happy. Just wait till you see their faces when they taste Treet. Lady, it's scrumptious! So deliciously different its processing secret is patented! Get Treet today!

Treat yourself to a
Kitchen holiday over the 4th!
Treet's ready-to-eat...
just open a can and
dinner's ready!

Treat your family
to scrumptious Treet—
the deliciously different meat.
Blended from juicy pork
shoulder and tender ham!



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Treat your
pocketbook, too!
4 Big servings
of solid, nourishing
meat in every tin
No bone, no waste!



Treat yourself to
Armour's
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Cool Wave Ahead with



TOM COLLINS

There's a deep, distinctive flavor in Old Mr. Boston Dry Gin that makes it the perfect choice for a tall, frosty Tom Collins. Recipe on back of label. 90 Proof.



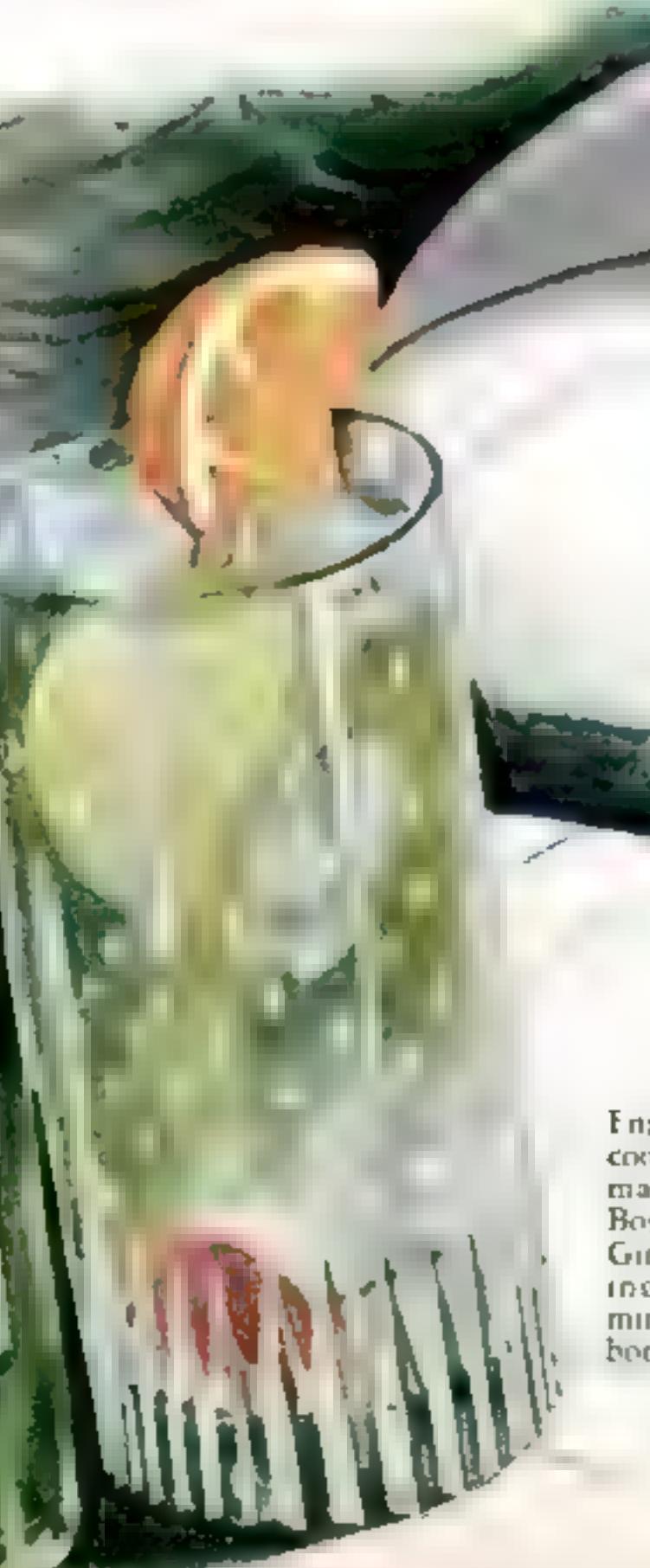
SLOE GIN FIZZ

Rich as rare Burgundy—that's how this tall thirst-quencher tastes when made with Old Mr. Boston—America's largest-selling Sloe Gin! Recipe on every bottle. 70 Proof.



MINT COLLINS

Enjoy this new summer cooler—a Mint Collins made with Old Mr. Boston Mint Flavored Gin. Cool and refreshing as dew-drenched mint. Recipe on every bottle. 70 Proof.



Old Mr. Boston Gins & Rums



CUBA LIBRE

Timely drink for tropical weather—a Cuba Libre made with Old Mr. Boston's Dark Rum. This fine rum is also imported duty free from the Virgin Islands. Recipe on every bottle. 86 Proof.

OLD MR. BOSTON
Importer and Distiller of

FINE WHISKEYS, GINS, BRANDIES,
RUMS AND LIQUEURS

Old Mr. Boston Dry Gin, 40 Proof (45 Proof in some states).
From 100% Grain Neutral Spirits. Br. Distilled, Inc., Boston, Mass.

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Old Mr. Boston's Light Rum adds new zest to a Rum Collins. Priced low because it's imported duty free from the Virgin Islands. Recipe on every bottle. 86 Proof.

Be proud, America

Be proud of your flying warriors, America! They're fighting...as have Americans of every generation...for the freedom of man.

Be proud of the 'planes they fly, America! Your genius conceived aviation...then developed its peace-time greatness. Now, with unapproached production power, your fighting factories build the greatest...and the greatest number...of warplanes in the world, then speed them to action, with pride and spirit that reflect the pride and spirit of the nation behind them.

For the air power of America and her allies, Lockheed is producing P-38 "Lightning" interceptor pursuits...and Lockheed Hudson bombers. Lockheed Aircraft Corporation, Burbank, California

for protection today, and
progress tomorrow, look to

Lockheed

FOR LEADERSHIP





STIFLED BY FEMALES, UNCLE HARRY (JOSEPH SCHILDKRAUT) IS PETTED LIKE THIS SICK DOG BEING SHOWN BY THE MAID TO HIS EX-FIANCÉE. HARRY'S SISTERS ARE SEATED

"UNCLE HARRY" IS A NEW BROADWAY HIT THAT MAKES MURDER A PARLOR PASTIME

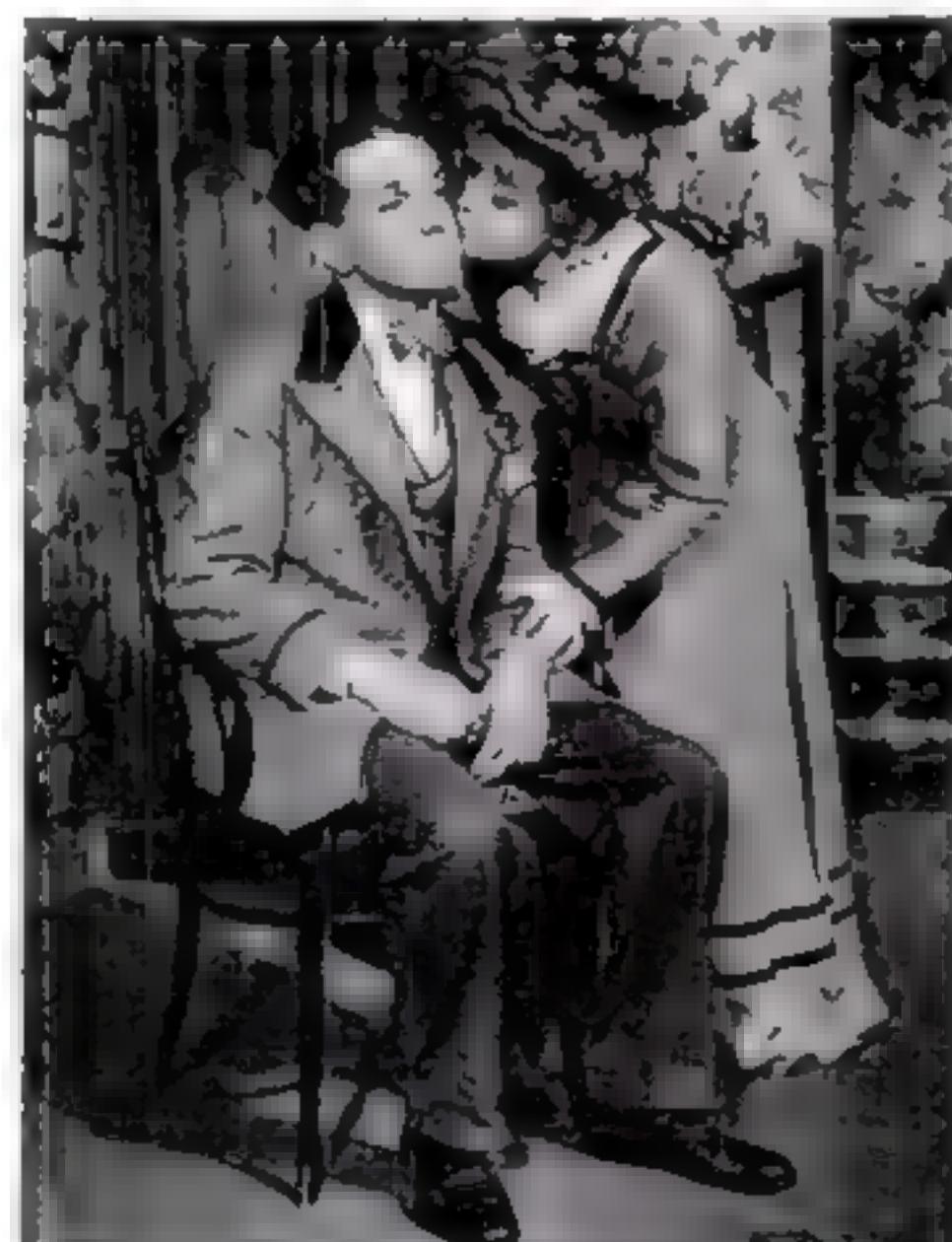
By some curious coincidence, all three of Broadway's top horror plays—*Arsenic And Old Lace*, *Angel Street* and now *Uncle Harry*—take place in Victorian parlors. Parlors are popular with stage murderers because parlor killings seem more out-of-place and shocking. Moreover, theatergoers today, looking for escapist entertainment, seem to prefer a quiet, homey murder among the antimacassars as relief from the news of mass slaughter on every war front.

Uncle Harry was written by Thomas Job, a Carnegie Tech professor. It tells the ironic story of a hen-pecked little man who commits a perfect crime and then is unable to convince anyone he had the gumption to do it. As henpecked Harry, cocky Joseph Schildkraut performs skilfully but is constitutionally unable to look henpecked. Eva Le Gallienne, as his victim, rings the bell with a forceful dramatic portrait.

Though *Uncle Harry* occasionally gets stymied among its parlor brie-a-brac, it is a solid, interesting show, with some moments of high-grade melodrama.



Harry loses his sweetheart to a tall suitor who carries her off while he stays home, tied fast to his sisters' apron strings.



Harry is mothered by the younger sister Lettie (Eva Le Gallienne), who consoles him with kisses for losing his fiancee.



Harry plots revenge on Lettie for ruining his life. He sends her out to the drugstore to buy poison to kill their sick dog.

"Uncle Harry" (continued)

This **WON'T** happen

...but this **WILL**

I INTENDED TO FORECLOSE
YOUR MORTGAGE, BUT
THIS ELEGANT LIPTON
TEA SOFTENS MY HEART.
THE HOUSE IS YOURS!

THIS LIPTON TEA IS
DELICIOUS. QUITE THE
BEST I EVER TASTED!



Good tea is ripened slowly;
Poor tea is ripened fast,
Just taste slow-ripened Lipton's,
The difference is vast!

Such tea has finer flavor,
It's mellow and rich.
So if you don't use Lipton's,
We recommend you switch.



LIPTON TEA

AMERICA'S LARGEST-SELLING BRAND

TRY THE DELICIOUS LIPTON BLEND IN
MODERN, NEW-STYLE LIPTON TEA BAGS, TOO!



More and more women are wanting this "professional" Cleansing Cream for their own beauty care. Hence this new, charming jar—at a new low price. And you get genuine Albolene Cleansing Cream—pure, soothing and unscented—widely used in hospitals and for removing stage make-up. When you buy Albolene you pay for quality only—no frills. McKesson & Robbins, Bridgeport, Conn.



LEILA ERNST—famed on stage and screen,
says: "Greatest cleansing cream I know!"

ALBOLENE
A "PROFESSIONAL"
CLEANSING CREAM



In the town tavern, Harry (at center of table) denies to the local druggist (holding two beers) that he had sent his sister to buy poison. Thus he plants suspicion against her.



A bitter quarrel takes place between Harry's sisters over a chihuahua dog. By his side Harry egged on this quarrel to convince the maid (right) that his sisters hated each other.



With cruel cunning Harry sends his sister Lettie upstairs with a cup of cocoa for her older sister. Lettie does not suspect that he has spiked the cocoa with deadly poison.

CONTINUED ON PAGE 48



Your Government urges you, please, to eat WELL and HEARTILY!

AMERICA, THERE'S A WAR ON!

A war for our survival as a free country. A war whose winning will take greater efforts than we ever dreamed possible. Heroic efforts and sacrifices from our fighting men. Grim, endless toil from the men and women who back them up on production lines.

To supply the energy for this daily battle, you need more than *will* and *heart*. You need FOOD. Lots of it. And your Government, through the National Nutrition Advisory Committee, urges you—in these hurried days—not to get in the habit of the "gulp-and-run" meal.

Get food that looks good . . . tastes good. Nourishing food that gives your body the vital elements it must have for sustained drive!

On the list of such foods are Birds Eye Frosted Foods. They are appetizing . . . delicious . . . nutritious. Appetizing, because they are painstakingly selected for quality. Deli-

cious, because they are ocean-fresh or farm-fresh—quick-frozen at their peak of goodness! For this same reason, Birds Eye Foods are naturally rich in healthful vitamins and food values.

With Birds Eye Foods, there is little, if any, loss of important food values through exposure to air, or en route to markets. Instead—and we must repeat this—they are quick frozen and held for you at zero temperature. This captures not only flavor and freshness, but vital vitamins and minerals which your body needs!

EAT—and eat well! There are over 60 varieties of Birds Eye Frosted Foods—Meats, Seafood, Poultry, Fruits, and Vegetables.

BIRDS EYE
BRAND
FROSTED FOODS
REG. U.S. PAT. OFF.

U.S. NEEDS U.S. STRONG



EAT NUTRITIONAL FOOD

Every day, eat this way

MILK and MILK PRODUCTS . . .	at least a pint for everyone—more for children; or cheese or evaporated or dried milk.
ORANGES, TOMATOES, GRAPEFRUIT . . .	or raw cabbage or salad greens—at least one of these.
GREEN or YELLOW VEGETABLES . . .	one big helping or more; some raw, some cooked.
EGGS . . .	at least 3 or 4 a week, cooked any way you choose—or in "made" dishes.
OTHER VEGETABLES, FRUIT . . .	potatoes, other vegetables or fruits in season.
BUTTER and OTHER SPREADS . . .	vitamin-rich fats, peanut butter, and similar spreads.

Then eat other foods you also like

OFFICE OF DEFENSE HEALTH AND WELFARE SERVICES
PAUL V. McNUTT, DIRECTOR, WASHINGTON, D. C.

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"Uncle Harry" (continued)



Harry triumphs over Lettie, having woven around her a tight web of circumstantial evidence so she is convicted of murdering her sister. Lettie is horrified and helpless.



Lettie triumphs over Harry in prison the night before she is hanged. He wants to confess crime but she refuses to help him, makes him bear alone the torture of his guilt.

SAY, BEECH-NUTS ARE THE
MODERN SMOKE — LONG,
SMOOTH, AND MIGHTY NICE

... BUT NONE THE LESS
YOU GET 'EM AT A GOOD
OLD-FASHIONED PRICE!



Today's High Cigarette Prices needn't bother you! Modern KING SIZE BEECH-NUTS cost you *less* per pack — yet you can't buy a finer cigarette at *any* price! They're extra-long, extra-smooth, extra-easy on your throat. Try BEECH-NUTS, today!

BEECH-NUT

The Modern King Size Cigarette

PRODUCT OF P. LORILLARD COMPANY

*Adds
to your enjoyment—
subtracts from your work*

A new, instant Nestlé product, composed of equal parts of skillfully brewed soluble coffee and added carbohydrates (dextrin, maltose and dextrose) added solely to protect the flavor.

A TEASPOONFUL IN A CUP
ADD HOT WATER
IT'S READY



• NESTLE'S MILK PRODUCTS, INC. • NEW YORK, U. S. A. •

For the 4th...QUICK SERVE ham *Brown Sugar Cure* by Swift!



SWIFT'S PREMIUM HAM

RECIPE: *No cooking . . . even for a party!*

Here is a ready-to-eat ham that really looks and tastes "home-baked"; one you'll choose not only for picnics and family dinners but for dressed-up parties, too. It's famous Swift's Premium Ham *Quick Serve Style*. Like regular-style Swift's Premium, it is mellowed and enriched in Swift's exclusive Brown Sugar Cure . . . gives you a marvelous mild flavor you get in no other brand. But this kind is *all cooked for you*. When you buy, look for the *red label*. (Swift's Premium Ham you cook at home comes with *blue label*.) If you're getting a slice, look for the words

SWIFT'S QUICK SERVE down the center of the ham. *4th of July Special:* Remove skin from a Swift's Premium Quick Serve Ham; score the fat and spread with apricot jam. From pimiento, cut letters to spell "July", numeral "4", and little firecrackers. Arrange these in bottom of molds in a thin layer of lemon-flavored gelatin. When this is firm, fill molds half full with shredded cabbage in lemon-flavored gelatin. Let set, and fill with your favorite tomato aspic. Unmold when firm. Salads may be made in one pan and cut into squares when set.



AMERICA NEEDS
YOU STRONG.
MEATS HELP MAKE
YOU SO.

*Say Swift's Premium
for the
finest meats*



Firestone

TIMELY
Summer



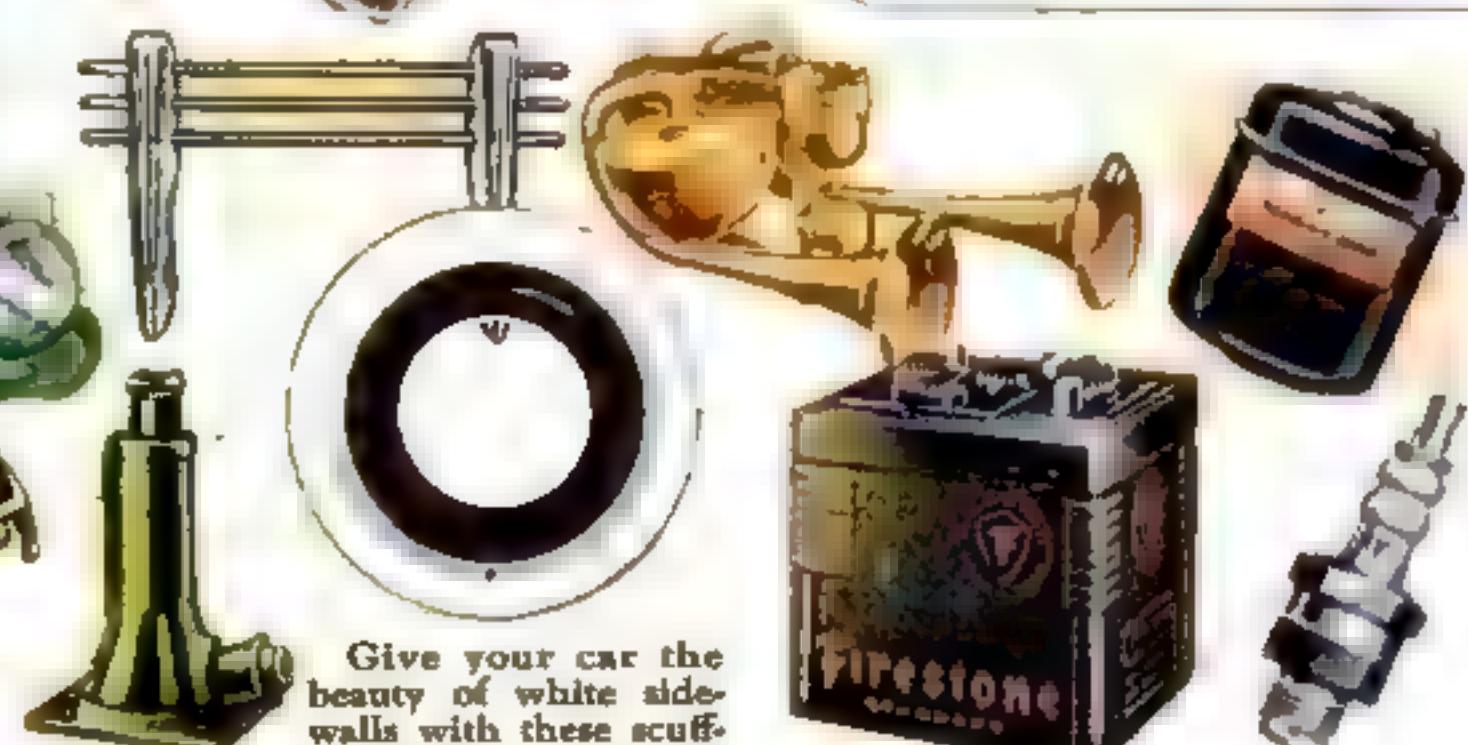
IT'S SO EASY, so thrifty, so convenient to shop at your nearby Firestone Dealer or Firestone Store. There, in one modern store, you will find a more complete stock and wider variety of high-quality necessities for home, car, garden, recreation and sports—products that give you extra value and extra service.

For the Home there are table and console radios and phonoradios, phonograph record sets, hardware, electric fans, washing machines, electrical appliances, ironing boards, paints, enamels and varnishes,



WHEN YOU GET A CERTIFICATE TO BUY A NEW TIRE BUY THE **Firestone** **DELUXE CHAMPION TIRE**

Remember it costs no more to get the many exclusive features of Firestone DeLuxe Champion Tires, including the extra safety of the Soft-Lock Gum-Dipped cord body with Super Speed construction, the extra protection of the famous Gear-Grip Tread and the extra mileage of Firestone Vitamic Rubber.



Give your car the beauty of white sidewalls with these scuff-proof, rattle-proof, easy to clean enameled discs.

Listen to the Voice of Firestone with Richard Crooks, Margaret Speaks and the Firestone Symphony Orchestra, under the direction of Alfred Wallenstein, Monday evenings, over N. B. C. Red Network.

Values for HOME and CAR for GARDEN and RECREATION

Sprinklin' Sambo turns round and round, hose whips up and down, sprinkles thoroughly a 50-foot circle. Two types of spray nozzles.

house cleaning needs such as step ladders, vacuum cleaners, carpet sweepers, brooms, brushes and polishing materials, and many other household needs. And there are gas and electric ranges for those who secure rationing certificates.

For Farm and Garden there are lawn tools, mowers, lawn and vegetable seeds, fertilizer, rubber hose, sprinklers and work clothes.

For the Car there is the new Firestone Extra Mileage Plan as well as batteries, spark plugs, brake lining, radiator hose, fan belts, automobile

radios, seat covers, grille guards, driving lights, horns, car cleaning supplies and many other products that will help you get longer service from your car. And for those who secure rationing certificates there is a complete line of tires and tubes.

For Recreation and Sports there are portable radios, luggage, fishing tackle, croquet sets, sports jackets, tennis racquets, ball gloves, etc.

Save work, save time, save money—see these and hundreds of other timely Summer Values at your Firestone Dealer or Firestone Store today.

REGISTER YOUR CAR NOW FOR THE NEW TIRE-SAVING, CAR-SAVING, MONEY-SAVING FIRESTONE Extra-Mileage PLAN

Your tires will be examined, inflated to correct pressure and "Safti-Branded" with your initials. Your battery, spark plugs, brakes, lights, wheels and lubrication will be checked. All this service is free! Register today at the nearest Firestone Dealer or Firestone Store equipped to give this service. Get your copy of the free booklet on tire and car conservation today!

WAR PRODUCTION IS FIRST AT FIRESTONE

Every plant is working twenty-four hours a day, seven days a week, manufacturing anti-aircraft gun mounts and carriages, oxygen cylinders for airplanes, tank tracks, metallic belt links for machine gun cartridges, bullet sealing fuel tanks, military and combat tires, gas masks, barrage balloons and many other products used by the Army and Navy and their Air Forces.



HUNDREDS OF USEFUL PRODUCTS AT YOUR NEARBY FIRESTONE DEALER OR FIRESTONE STORE

HOME SUPPLIES

Bathroom scales . . . Brooms . . . Carpet sweepers . . . Cleaning materials . . . Clocks, electric . . . Cloth dryers . . . Coffee makers . . . Door chimes . . . Door mats . . . Dry cleaner . . . Electrical supplies . . . Flashlights, batteries and bulbs . . . Floor and furniture waxes and polishes . . . Grills . . . Ironing boards, pads and covers . . . Irons, electric . . . Light bulbs . . . Mixers, electric . . . Mops . . . Paints, interior and exterior . . . Painting accessories . . . Phonograph record sets . . . Radios and phonoradios . . . Radio accessories . . . Ranges, gas and

electric . . . Shavers, electric . . . Step ladders . . . Toasters . . . Tools, household . . . Vacuum cleaners . . . Waffle bakers . . . Washing machines.

FARM AND GARDEN SUPPLIES

Fertilizer . . . Garden hose, sprinklers and fittings . . . Garden tools . . . Lawn, flower and vegetable seeds . . . Lawn mowers . . . Overalls . . . Work clothes . . . Work gloves.

AUTO SUPPLIES

Batteries . . . Brake lining . . . Cleaning materials . . . Cushions . . . Driving gloves . . . Driving lights . . . Fan belts . . . Grille guards . . . Horns . . . Oil filter cartridges . . .

Radios . . . Radiator hose . . . Seat covers . . . Spark plugs . . . Sun glasses . . . Tires and tubes . . . Tire repair materials . . . Tools . . . Windshield wiper blades.

RECREATION SUPPLIES

Badminton sets . . . Baseballs, bats and gloves . . . Fishing tackle . . . Golf supplies . . . Luggage, complete line . . . Men's sport coats . . . Picnic jugs . . . Roller skates . . . Table tennis sets . . . Tennis racquets.

BICYCLES

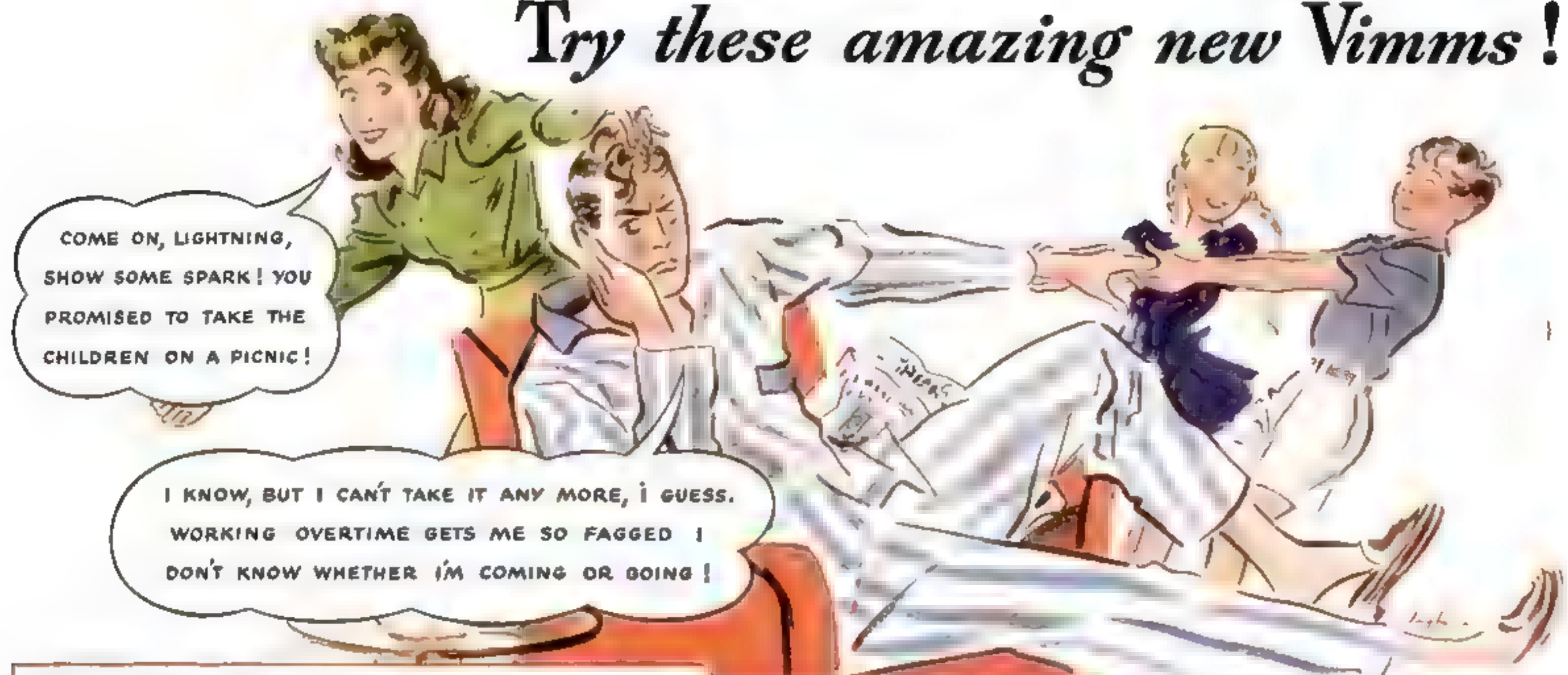
and Accessories . . . Scooters . . . Velocipedes . . . Wagons.

Ask your nearby Firestone Dealer or Firestone Store for a complimentary copy of this catalog.

© 1944 The Firestone Tire & Rubber Co.



Tired? Run-down? Irritable? Try these amazing new Vimms!



Don't let vitamin-starvation ruin your summer!

Even though you feel as low as Ted did, there may be an easy way to get back on your feet



3. **Like taking candy from Daddy!** That's what Sue thinks of Vimms. They're small tablets, easy to swallow, pleasant to eat. And they cost so little (a few pennies a day) that the whole family can get the good out of them. Start Vimms today. Then keep up the good habit. If you ever need extra vitamins and minerals — now's the time to get them! Maybe you've forgotten how good you can feel. You may say, with Ted, "It wasn't the heat at all. I feel just SWELL!" Get Vimms today!



1. "I'm not one to be poking into other folks' affairs," said Aunt Martha — but it's plain as the nose on your face that Ted isn't getting all his vitamins and minerals. I use Vimms myself. Tell you why. Take this case. If I leave one or two things out, you know what happens! That's the way with vitamins. U. S. experts say six vitamins are needed. Vimms don't leave any out. They even add three minerals that belong with the vitamins."

2. "Heaven, my husband!" said Mrs. Ted. "At least it looks like he feels. Guess I'll ask our doctor a few questions." She found that people need vitamins in summer as much as in winter. And Vimms, Druggist pointed out, give you all three essential B Complex Vitamins (B₁, B₂, P₁). Three other equally important vitamins (A, C, D). And three vital minerals (Calcium, Phosphorus, Iron). "Vimms give you more for your money," said the druggist.

Compare ALL... and you'll buy Vimms

VITAMINS A AND D	3 ESSENTIAL B COMPLEX VITAMINS	VITAMIN C
With this product you are getting only vitamins A and D.	With this product you are getting vitamins A, B ₁ , B ₂ , P ₁ and C.	With this product you are getting vitamins C, A, B ₁ , B ₂ , P ₁ and D.
CALCIUM AND PHOSPHORUS		IRON
With this product you are getting only calcium and phosphorus.		With this product you are getting calcium, phosphorus and iron.

GET THEM ALL IN VIMMS

U. S. EXPERTS SAY six vitamins are needed. And three minerals belong with the vitamins. You break up the team if you leave out any of the nine. Get the product that gives you ALL of them together. No other product at any price can match ALL the advantages of Vimms. Ask your druggist for Vimms today.

MORE FOR YOUR MONEY... only

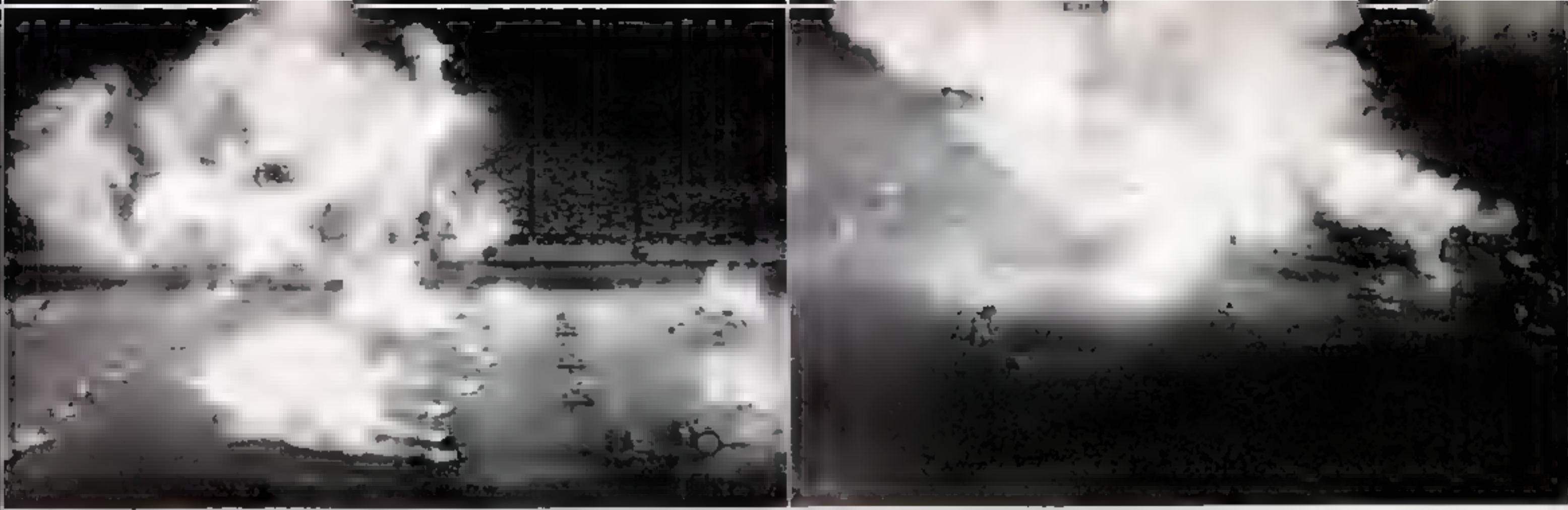
At Your Druggist's
Regular Size, 24 Tablets

Large Economy Size, 96 Tablets, \$1.75

50¢

If your druggist cannot supply you with Vimms, send his name and address on a postcard to Lever Brothers Company, Pharmaceutical Div., Cambridge, Mass.





BALTIMORE VIEWS NIGHT PREMIERE OF U. S. ARMY'S TRAVELING "WAR SHOW"

In Baltimore, June 12, a cast of 1,200 soldiers made their impressive debut in the premiere of an itinerant War Show, staged by the U. S. Army in behalf of its Emergency Relief Fund. For an hour and 40 minutes, the big Baltimore Stadium rocked to the roar of antitank guns, mortars and 105's. Tanks, combat cars and jeeps circled in swift intricate patterns. Flame throwers hurled tongues of living fire. Steel-tipped infantrymen deployed in combat maneuvers. Throughout the thunderous performance opaque curtains of smoke seethed and eddied, rising recurrently to meet a drizzling rain from the sky.

In the Stadium, wet but awe-struck, sat 25,000 Marylanders and bigwigs from Washington. During this summer the Army's War Show will be presented in outdoor stadiums in 16 U. S. cities, terminating at New Orleans on Sept. 21. A projected revenue: \$2,000,000. On this page you see a laundry skirmish between opposing units of motorized troops. For pictures of the War Show's spectacular march, turn to page 23.



Army War Show (continued)

W
HEN ONLY
THE BEST WILL
DO, REMEMBER—



Famous
OLD
FORESTER
America's Guest Whisky

BROWN-FORMAN DISTILLERY COMPANY, INC.
At Louisville in Kentucky



Climax of the War Show is this exciting pyrotechnical display. Here files of soldiers, carrying sparklers, are marching from grandstands down onto the field of combat.

VICTOR
McLAGLEN
famous
Hollywood
star



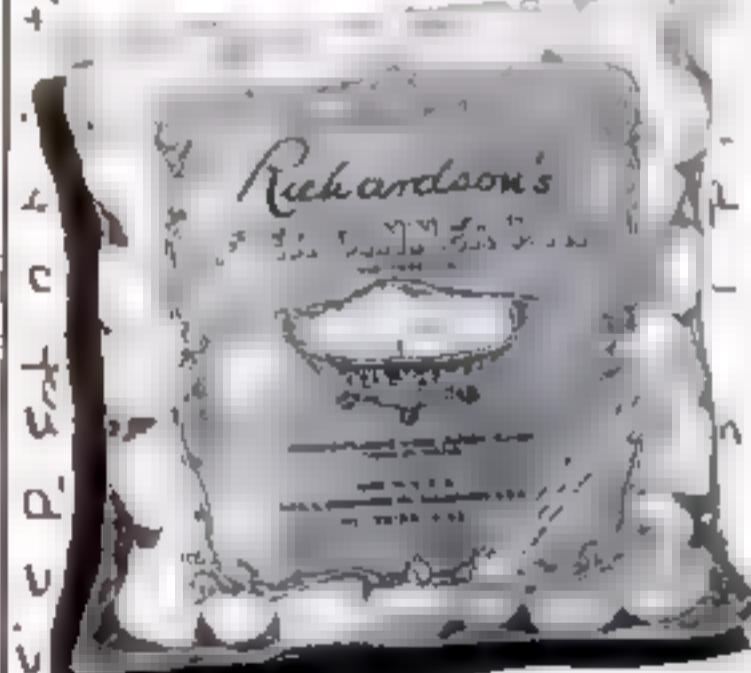
THIS **WOW** IS A
MAN'S DRINK—BEST
TOMATO JUICE
COCKTAIL I EVER
TASTED!

It's a **WOW**—made
with FRENCH'S
WORCESTERSHIRE SAUCE

A **WOW** wherever it's served—this zippy, zesty drink! Add to each glassful of tomato juice 1 tsp. French's Worcestershire, few grains salt, pepper. Mix well, serve cold. The choice ingredients in French's, aged and mellowed, give a wonderful, rich, new flavor!

Top-Notch Quality
at half the price

wonderful time! After dinner, Kay (who knows every trick of being a good hostess) served Richardson's Mint and it has the most perfect flavor! The



only 10¢ a package and you can get them at grocery stores, five and dime, supermarkets, etc. I went right out and bought four packages, and the children are crazy about them too! How are

The Wheel of Victory lights up. At hub of wheel, illuminated by red, white and blue lights, stands the figure of Victory. Spokes of wheel represent oil, steel, planes, etc.

The Neighborly Spirit of Sharing

These are days when many good, old-fashioned virtues are coming back into their own—Neighborliness . . . Sharing what we have.

The common enemy has given us a new appreciation of our homes, our friends, our country and the way we live.

We are giving each other many little "lifts."

A great cause has made America a nation of neighbors again.



The Hoover Company is no longer making cleaners; it is completely engaged in making precision products for America's fighting forces.

If you are fortunate enough to have a modern Hoover Cleaner, your cleaning problem is answered for many years to come.

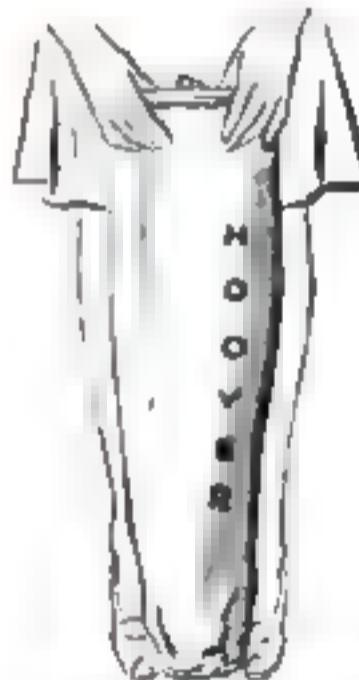
But there are times when all of us must be interested in the other fellow, too; when we want to spread our blessings and give the lifts in our power to give. The woman who wants clean clothes for her family can't get the washing machine she needs. Her next door neighbor has a washing machine

and uses it only once a week. Other appliances, other needs, other friends. Why not share?

Some relative of yours, some near-by neighbor or some close friend down the street or across the hall may have been unable to get a cleaner. Your Hoover Cleaner is husky enough to clean for you and her too. Why not share? Incidentally, she may have some household appliance that you have been unable to get.

You can help her, she can help you. That's how sharing works. That's how America is looking at things these days—one for all—and all for our country!

HOW TO MAKE YOUR HOOVER SERVE LONGER



Empty bag after each cleaning. A clean bag will help keep your cleaner operating at top efficiency and prolong its life.

Do not wind the cord tightly. Coil it loosely around the cord clips. Pull out plug—never jerk cord—to disconnect cleaner. When using cleaner, avoid running over the cord.



Do not try to pick up pins, hairpins, tacks, pebbles or other hard objects with cleaner. These may damage belt or other moving parts.

Have your Hoover inspected once a year. To be sure of obtaining genuine Hoover parts and service, register your cleaner with your Hoover Factory Branch Service Station (consult classified telephone directory) or dealer. If you cannot locate either, write: The Hoover Company, North Canton, Ohio.

Remember, do not discard any worn or broken parts. They must be turned in to secure replacements.

T H E H O O V E R

IT BEATS . . . AS IT SWEEPS . . . AS IT CLEANS



The town of Victoria is a pretty place, its houses sitting close enough together for company but not too close for comfort. The well-to-do and the medium well-to-do live in this pleasant neighborhood in homes that are big, handsome and comfortable, like the H. H. McDowell's

big house at bottom of the picture. Foster Field, where the cadets live and learn, lies only a few miles east of the town. On the edge of the town is a neat little settlement named Will Rogers Terrace. It was built especially for the families of the field's noncommissioned officers.



The men of Victoria gather on Main Street outside the doors of the Manhattan Cafe early in the morning, where by 6 a. m. they have finished their first cup of coffee. Before the airmen came to Victoria, the cattlemen stood here and worried about what would happen to their town. They don't worry any more.

VICTORIA, TEXAS

The Air Forces come to a rich Texas cattle town whose worries turned into warm welcome

Last summer, when it became certain that the Army Air Forces were going to set up a training field at Victoria, Texas, Victoria was sure it was in for trouble. There are new airfields all over Texas near dozens of Texas towns. But Victoria is no usual Texas town. It is a rich and self-respecting cattle town. Among its 12,000 population are about two dozen millionaires. Victorians expected the worst to descend on them with the field—loud Yankees who would call colored men "mister," blithe Midwesterners who would insult their daughters. When they learned that the field was for advanced pursuit training they worried even more, because pursuit pilots are the cockiest of all.

Then the flying cadets came. They were straight and young and clean-cut, the likeliest men in the Army. Victoria melted. Ranchers talked gruffly to the boys and took them fishing on the coast. Their wives stuffed them with mammoth Sunday dinners. Their young sons admired them. Their daughters adored them. The cadets went on parties, dances, plain dates. They were taken to cattle loadings and to Texas chuck-wagon breakfasts of camp bread and coffee, frijoles and "sonofabitch" stew. In the spring when Texas turned pink and yellow and blue with wildflowers, the boys and girls went picnicking in the meadows. Sometimes the boys remembered the war and thought that this might be their last spring. Sometimes Victorians had the same wistful thoughts. But while the boys were at Victoria the town was theirs and the boys, Victorians came to feel, were somehow Victoria's.



Foster Field's boys come in town on Sunday afternoons and give a concert for the townfolk — a semi-annual event — in the bandstand in De Leon Plaza, named after Senor Martin de Leon who founded the town and for years operated a personal war against the Indians.

Victoria's girls go out on pleasant picnics with the young gentlemen. Here are some of them out in a field thickly carpeted with bright yellow Crocuses, just after sunrise in the warm sun, laughing, chatting, picking little bouquets and letting the boys put flowers in their hair.



Victoria, Texas (continued)



At church in town the cadets listen to the sermon of hard riding Preacher Sam Hill whose brother, Sandy, ran American Volunteer Group fleet with a bag of about 100 Japanese planes.



Around lily pond of J. B. Wood's pleasant garden, others take their ease. Two at left fit fine for easier day they had been given their wings and commissions as second lieutenants.



In the lobby of the Denver Hotel, which is the most elaborate public spot in Victoria, the cadets and their girls enjoy conversation and soft drinks on an inexpensive and informal basis.



In the game room of the Wood house the cadets spark their girls in front of a very up-to-Texan English hunting mural. This was Foster's graduation day and the party was a celebration.



“Now I lay me down to sleep...”

The healthy nerves of a child find rest under conditions which torture the nerves of a "normal adult."

And not all adults are normal. Some have had to bear too much. Too much pain or sorrow or adversity. For them, a sedative, administered under a physician's care, is at times a blessing beyond price.

One of the active ingredients in sedatives widely used in cases of nervous disorder and sleeplessness is derived from petroleum. The "University of Petroleum," Shell's research laboratories—where 1481 scientists and tech-

nicians are at work—found how to get *allyl alcohol* from petroleum gases at one time wasted. Shell supplies this to drug manufacturers.

The widening knowledge of petroleum molecules necessary for such an advance—or to produce from petroleum the base material for an improved anesthetic, *cyclopropane*, as Shell scientists have done—"comes home" to you in dozens of ways. In better foods, better clothing at lower cost, better home furnishings, beauty aids... This scientific knowledge "carries over" to your motoring—in the Shell gasoline or motor oil you buy today.

HORIZONS WIDEN THROUGH SHELL RESEARCH



We invite you to try the
Finer Seagram's 5 Crown
in the new Host Bottle

A TOAST TO THE HOST

Here's to Seagram's Finer "5"—
Taste it! You will find
FLAVOR, RICHNESS, LIGHTNESS, BODY,
SMOOTHNESS—all combined.
Seagram's takes the TOUGHNESS out,
So we proudly boast
There's no bottle in the world—
As welcome as the "HOST."



THE FINER Seagram's 5 Crown

Seagram's Finer 5 Crown in the new Host bottle is now available in almost every state in the Union where liquor is sold, and is recommended by the better places.

SEAGRAM'S 5 CROWN BLENDED WHISKEY, 86.8 PROOF, 72 1/2 GRAIN NEUTRAL SPIRITS. SEAGRAM-DISTILLERS CORPORATION, NEW YORK



IT WAS SORRY TO SEE THE CADETS GO

The flying cadets had come to Foster Field after having gone through primary training, then through basic. At Foster Field they were given advanced training in their special branch—pursuit. They studied formation flying, aerobatics, gunnery, flew day and night in their advanced trainers, the AT 6's. When their nine-week course was over, and a new crop ready to come in, Victorians turned out for the solemn graduation ceremony and the graduation parties.

The town was genuinely sorry to see this class leave. Looking back they could find very little fault with the cadets. George Sessions Perry, the young Texas novelist, reported to LIFE that "the only thing that kept relations from being too perfect to be true was the occasionally misapprehensible desire of the pursuers to buzz a herd of cattle. This was done by flying low, changing propeller pitch and opening the throttle. Almost invariably the herd stampeded. An hour or two later the rancher, hot and mad from chasing frantic cattle through the thorny brush, would phone the post and, having already grown airwise, would give plane's number, the time of attack. The result was that the pilot got a fat wad of demerits."



For the commanding officer of Foster Field, a quiet courteous Texan, Colonel Carter, the Victorians came to have such respect and liking that they gave him this token of their esteem.



On graduation day the people of Victoria went to the little chapel at Foster Field to watch the cadets march inside to get their wings and change from flying cadets to flying officers.



The flying officers' newly won wings were pinned on their newly bought officers' coats by the girls of Victoria. In chap-

el, the new officers received their commissions and wings in envelopes, took them outside for special pinning. Here pretty

Victoria friends fasten wings on Second Lieutenants F. T. Johnson, H. W. Goad, David H. Brown and R. W. Hillbrook.



ROBERT STACK AS U. S. AVIATOR LEADS DIANA BARRYMORE FROM BOMBED HOSPITAL. BELOW: DURING COMMANDO RAID, STACK MUSKES A SOLDIER WHO TELLS IN EXCITEMENT



MOVIE OF THE WEEK:

Eagle Squadron

Wanger makes a stirring record of U. S. fliers

Two years ago Producer Walter Wanger decided to make for Universal a documentary movie to be called *Eagle Squadron*, about the adventures of American volunteer fliers in England. So he sent his producer-friend Merian Cooper to London where, working in cooperation with the British Air Ministry, he rounded up films of real squadron raids showing the cliffs of Dover, pilots bailing out over the Channel and actual dives on anti-aircraft guns in France. Finally, after six months of cables, letters and trans-Atlantic phone calls, Air Ministry released the films. For safety, two prints were sent over—one by Clipper, one by boat. They both arrived.

Producer Wanger soon decided to inject a routine Hollywood plot dealing with an American flier whose pal is shot down by Germans. Love interest is provided by Diana Barrymore, making her movie debut with considerable competence as an English girl who wins the American's heart. But what makes *Eagle Squadron* a stirring experience is that it preserves the reality of its original documentary shots, even in the Hollywood-made commando raid shown below and on the next page. Another asset is its fine dedication spoken by Quentin Reynolds to the heroes of the real Eagle Squadron.



Commando raid begins when a Frenchman working secretly for the British overpowers a German sentry so British soldiers can land unnoticed on French Channel coast.

CONTINUED ON NEXT PAGE

NEW ANTISEPTIC
DEODORANT CREAM
STOPS PERSPIRATION
ODOR LONGER

IN

"BIKE TESTS"



OVER 24% MORE
PROTECTION AGAINST
PERSPIRATION ODOR

—than the two other most popular deodorant creams tested... 23% to 48% more effective... according to impartial laboratory "bike tests" in a great university—using the newly perfected sensitive precision instrument, the olfactometer, to measure under-arm odor for the first time. In these tests, the new Etiquet Deodorant Cream gave "bike" exercisers over 24% MORE PROTECTION*. Details sent upon request.

Etiquet WORKS 5 WAYS

Copyright 1942 by Lohn & Flors Products Corporation, Elizabeth, N. J.

1. **STOPS** under-arm perspiration *odor* 1 to 3 days.
2. **STOPS** under-arm perspiration *itself* 1 to 3 days.
3. **PURE**, soothing, antiseptic. Not irritating to normal skin. Safe to use every day. Smells nice and fragrant!
4. **PREVENTS** clothes-stains, clothes-rot due to under-arm perspiration.
5. **WORKS FAST**—disappears from sight. Not greasy, not sticky. No need to rinse off. Dab on... dress... dash!

TRIAL SIZE YOUR GIFT WITH 39¢ JAR

Try gift jar FREE. If not satisfied, return large jar unopened, get MONEY BACK. Made by makers of Honey and Almond Cream. At toilet goods counters. Also 10¢ size.



Guaranteed by
Good Housekeeping
Institute

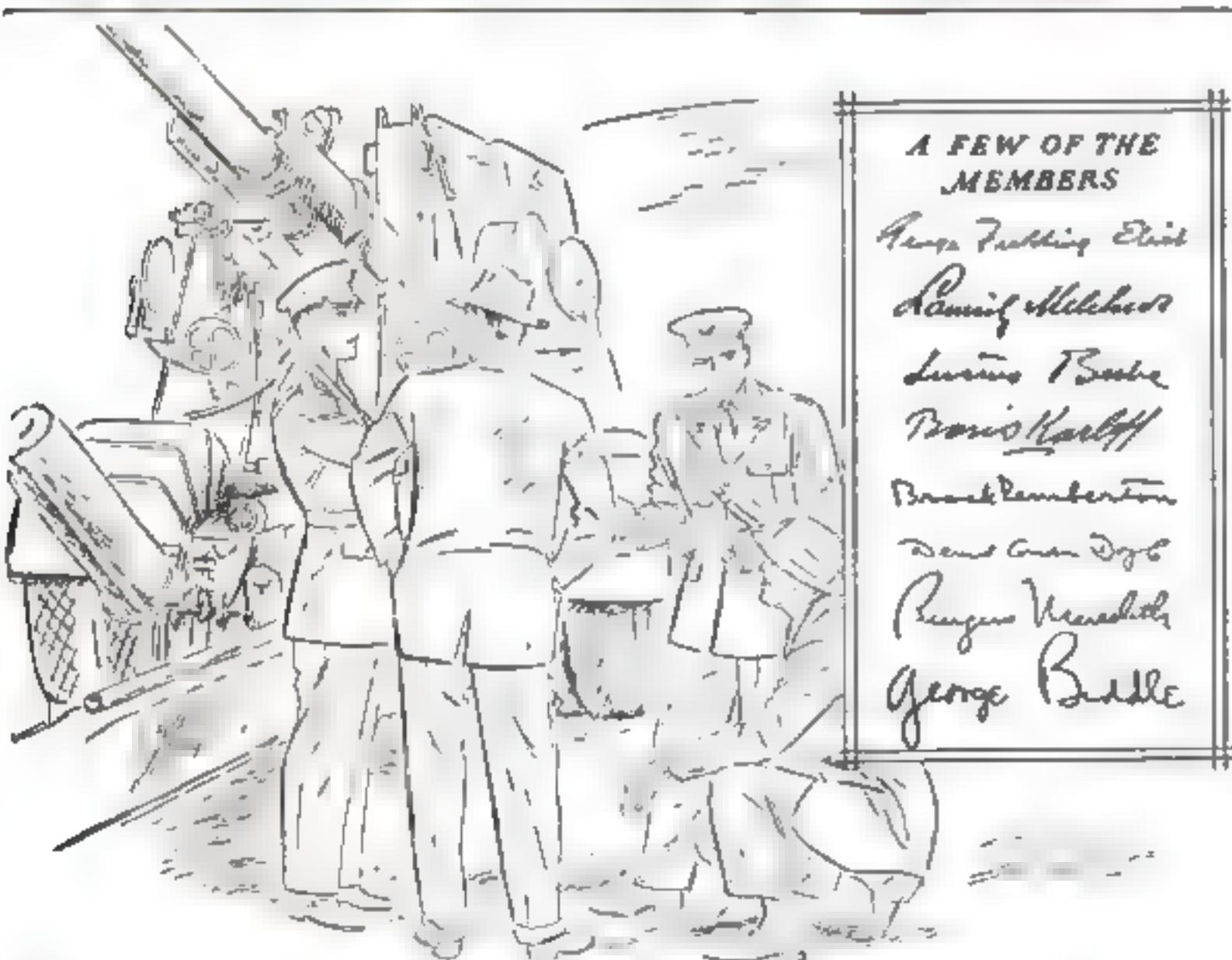
Etiquet DEODORANT CREAM.

Stops Under-arm Perspiration and Odor 1 to 3 Days

"Eagle Squadron" (continued)



Westinghouse MAZDA LAMPS



Join the Distinguished Members

of the World's Top-Ranking After Shave Club

Sign your name below and mail us this advertisement. We'll send you a bottle of Aqua Velva, the world's most widely used after-shave lotion.

Cool and brisk, Aqua Velva is refreshing as sea spray. Leaves your skin feeling softer,

smoother. ELECTRIC SHAVERS use Aqua Velva before and after shaving for better results.

ADDRESS: The J. B. Williams Co., Dept. C.A.12, Glastonbury, Conn.—famous for fine shaving preparations for over 100 years. Offer good in U. S. and Canada only.

Name _____

Address _____



To steal enemy plane with secret spotting device needed by British, the hero dashes across field at top. Below, pursuing Germans are shot and crack up as hero escapes.

Happy Links

of Nutritious Eating

As American as the Lincoln Highway.

Call them Red Hots,
call them "Friendly Franks"
—those tender, juicy, ruddy,
streamlined packages of fine meat food
... handy and nutritious.



More than five billions eaten every year tells the story of how America likes their flavor, convenience and economy.

Our choice has been a wise one. The fine-chopped, tender meats of this popular food contain complete, high quality proteins and B vitamins and essential minerals (iron, copper and phosphorus) which are necessary for balanced nutrition.

AMERICAN MEAT INSTITUTE . . . Chicago

Serving Note—These delicious links in their natural jackets are already cooked. So there's no need to boil them. Just simmer until thoroughly heated—5 to 8 min. Delicious also when grilled or broiled. Try them with bacon. And always have the mustard jar handy.

This Seal means that all statements made in this advertisement are acceptable to the Council on Foods and Nutrition of the American Medical Association.



A wee swim-suit is a great big reason to *Keep that Schoolgirl Complexion all over!*

Welcome the sun! But welcome, too, the special beauty care of this soap that's made with Olive and Palm Oils!

IT'S THE sun-kissed girl who steals the summer spotlight. Her graceful arms, her slender legs, seem carved of smoky amber. Her hair, her lips, her eyes... all borrow new enchantment from her tawny gold-brown skin.

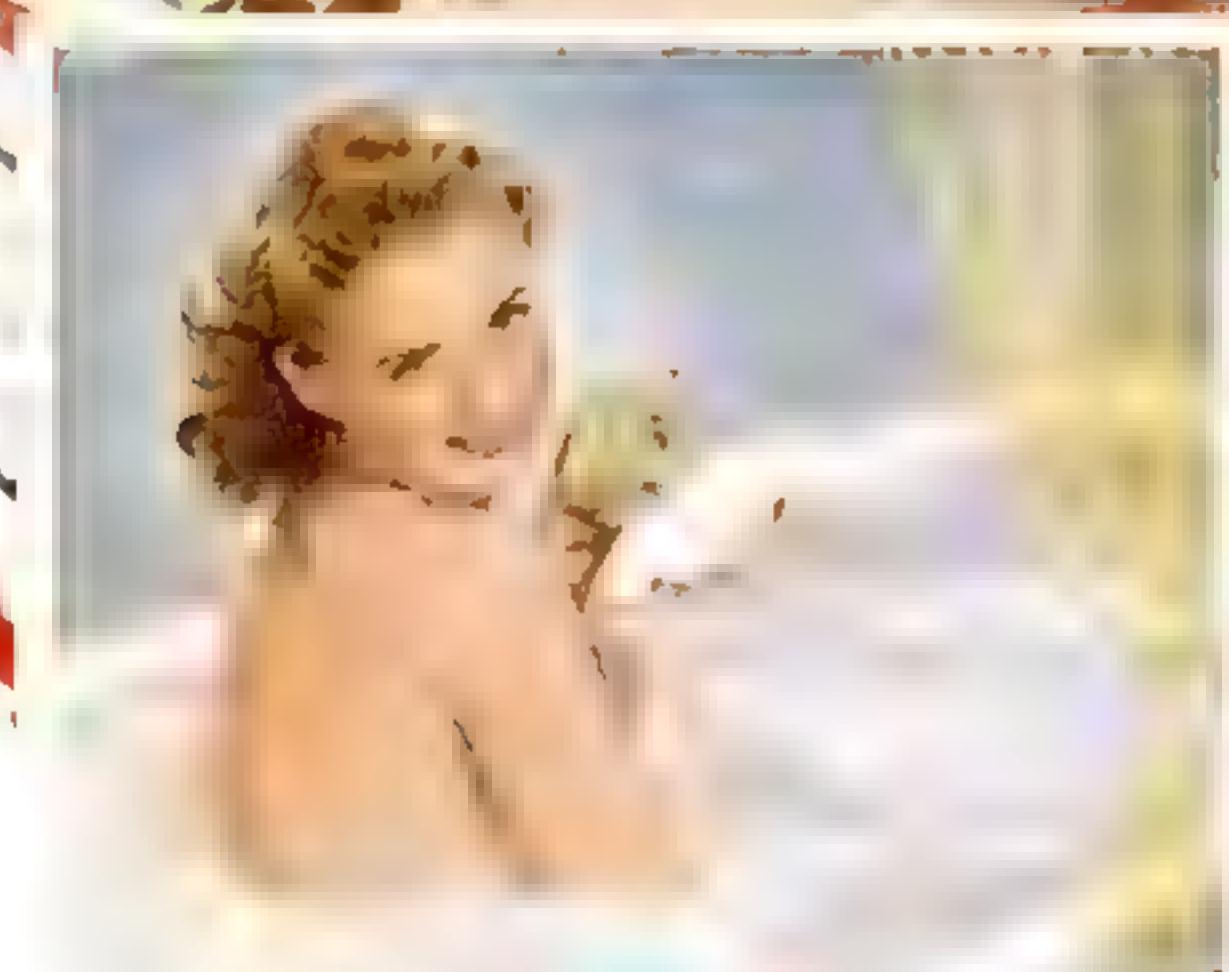
Yes, the summer sun is flattering — yet it often presents a serious beauty problem. Its rays tend to rob your skin of needed oils and moisture... often leaving your skin dangerously dry, flaky, and brittle.

That's when your skin needs the gentle care of Palmolive... the one leading beauty soap made with Olive and Palm Oils! Since time began, those oils have been looked upon as Nature's finest beauty-aids. No wonder Palmolive's lather is *different*... smooth as silk-and-cream. See how it helps your skin keep soft and dewy-fresh! Learn why women have made Palmolive the largest-selling beauty soap in all the world!

In your summer sun campaign for "Schoolgirl Complexion All-Over"..., make Palmolive your trusted ally. You'll find it is the beauty soap your skin *itself* endorses!

REMEMBER PALMOLIVE'S BEAUTY OILS...

olive and palm oil — no other — go into the making of Palmolive. Look for the olive color.



NOW MORE THAN EVER... *Keep that Schoolgirl Complexion*



WHILE MODELS POSE, SCOTT PAINTS STAGECOACH SCENE FROM HIS BIG MESSY PALETTE. MALE MODEL, BILL FRANK, HAS POSED FOR HIM 15 YEARS, LIVES ON SCOTT'S RANCH

HAROLD WINFIELD SCOTT IS A WHIRLWIND PAINTER OF ROOTIN' TOOTIN' COWBOYS

In Army camps and USO centers the most popular fiction today is detective stories and cowboy yarns. And the man who makes these rough-tough cowboys jump right off the page is Harold Winfield Scott, the world's most prolific illustrator of Western magazines.

Scott puts on no airs of being a serious artist. Yet his slick cowboy art has the vitality and action that many a fancier artist lacks. Born in Montana 43 years ago, Scott says he learned to ride—anything that runs, walks or creeps. He planned to be a pra-

inst but he suffered two breaks in his flight armament serving in the air force during World War I. Now Scott has his own ranch in Croton Falls, N.Y. When he isn't painting, Scott whips off at least one magazine cover a week. He and his two sons ride horseback, shoot, play cowboy and wear ten-gallon hats.

Scott takes enormous pride in the accuracy of his art. For Texas scenes he ties his rope in a Texas "snub," for rustling scenes he usually paints a steer on the left, because horses run faster on the right.

Scott's Cowboys (continued)

**G'BYE BOYS,
IT'S—
Bug-a-boo**



Yes, Bug-a-boo is unsurpassed
At ending insects sure
and fast.
Besides it won't harm drapes
or wall.
For Bug-a-boo won't stain
at all.

OTHER BUG-A-BOO PRODUCTS:

Bug-a-boo Moth Crystals—These crystals hung in a closet give off a vapor which kills moth worms that damage clothes. Pine-scented — no clinging moth-ball odor. Sold in 1-lb., 8-lb., and 5-lb. cans with free bag vaporizers.

Bug-a-boo Garden Spray—Guards your garden from damage by pests. Kills or controls practically all troublesome insects on flowers and shrubs. Highly concentrated, 4 oz. make 12 to 18 gals. of highly effective spray. Easily mixed, will not clog the sprayer.



**THE SUPER
INSECT SPRAY**

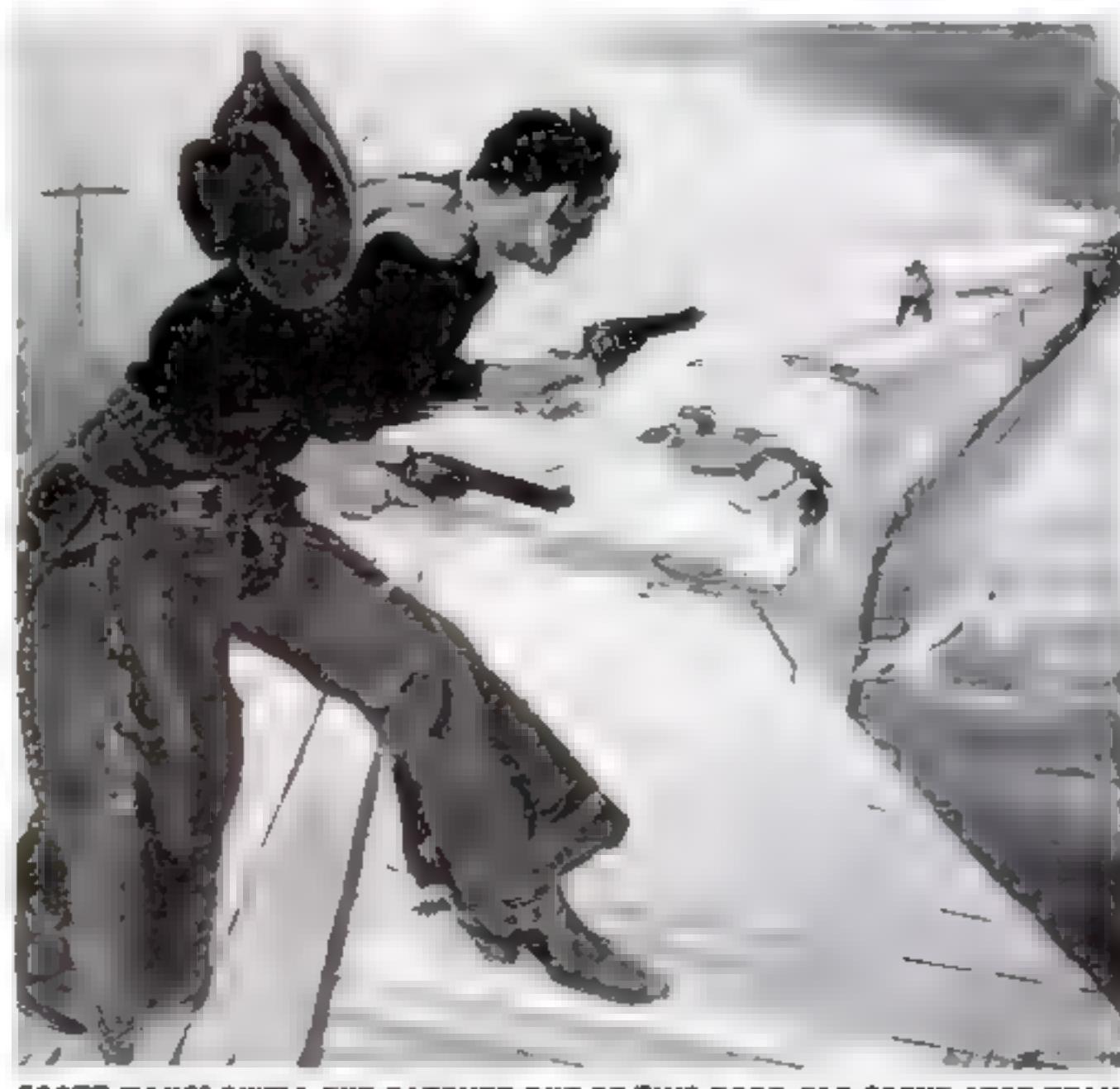
**KILLS FLIES • MOSQUITOES
ANTS • ROACHES • MOTHS**



SCOTT PAINTING FOR "WESTERN STORY" SHOWS STEER RAMMING HERO'S HORSE



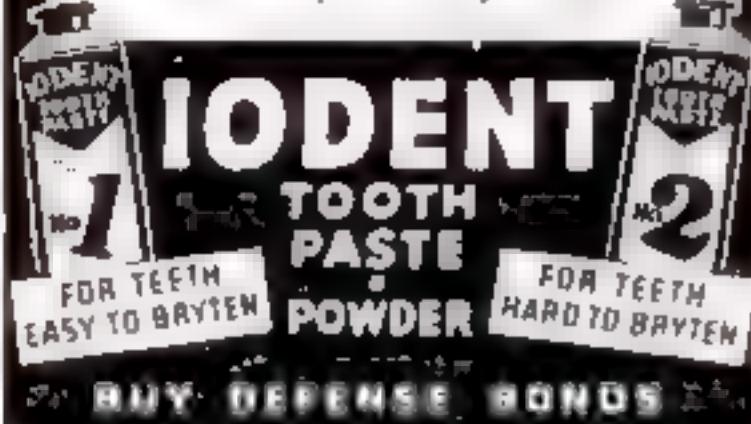
HERO AND VILLAIN SHOOT IT OUT ON SNAPPY COVER FOR A CIRCUS THRILLER



SCOTT MAKES SWELL EYE-CATCHER OUT OF THIS GOOD OLD SCENE ATOP TRAIN



Bryten up! Keep your teeth free from unsightly smudge by using IODENT Tooth Paste or Powder twice a day. Use IODENT No. 2 for hard-to-bryten teeth. You'll like refreshing IODENT. Made by a Dentist; guaranteed to bryten hard-to-bryten teeth or your money back.



**Itching—Burning
SKIN and SCALP
IRRITATIONS**

*Mama
Treatment
Promptly
Relieves
Distress!*



To quickly relieve maddening itching, burning of eczema, psoriasis, ringworm, symptoms and other skin irritations due to external cause — apply wonderful liquid Zemo—a Doctor's formula backed by 30 years' continuous success! Clean, stainless Zemo actually aids healing.

One of the many advantages of using Zemo on skin and scalp is that it's such a clean, stainless, invisible liquid. Apply anytime—it won't show on skin. Over 25,000,000 packages sold. First trial convinces! 35c, 60c, \$1.00. Stubborn cases may need Extra-Strength Zemo. At all drugstores.

ZEMO

IF YOU WANT
to subscribe to LIFE, write to
F. D. PRATT, Circulation Manager
LIFE 330 East 22nd Street
Chicago, Illinois
AND ENCLOSE \$4.50



Like the rugged Americans who wear it

COTTON CAN TAKE IT!



THE BEST WORK CLOTHES in the world are here for the world's best workmen. Strong, sturdy, washable cotton work clothes that can take the pounding pressure of war production.

Work clothes that can stand the wear and tear of grime and sweat, and come back from the wash restored to freshness, ready to go again.

Every workman knows the definite sense of physical well-being, of increased efficiency, that fresh clean work clothes bring.

In factory and behind plow — thanks to cotton — American workmen can meet today's challenge in fresh modern work clothes that help to keep them in fighting trim.




Cotton Freshness
FOR FIGHTING TRIM



COTTON FRESHNESS AND FIGHTING TRIM GO HAND IN HAND

At work, at home, at play, you are at your best when fresh and clean.

COTTON . . . tough, washable, lasting, brings soap-and-water freshness at small cost and little effort.

SIMPLE and easy to wash. No complicated instructions needed. Cotton is even stronger when wet than dry. Exact pre-shrinkage protects its fit and style. Boil, scrub and wring it when necessary. Cotton can take it.

HEALTHFUL — Outside freshness helps maintain inside health. Cotton can stand heat and washing to make it sterile.

THRIFTY — Cotton more than repays, with long wear and sturdy service, the simple care that keeps it fresh.

NATIONAL COTTON COUNCIL OF AMERICA
COTTON-TEXTILE INSTITUTE



COOKIE JAR

FREE FOOD FOR ALL IN DALLAS

U.S.O.

IN PEACE AND WAR IT HAS PROVEN ITS WORTH

A year ago soldiers and sailors were the country's stepchildren. Mammoth Army camps had mushroomed on the outskirts of towns whose people were skeptical of the strangers in their streets. Soldiers themselves were lonely in new and sometimes hostile surroundings. Over-crowded juke joints and dives, block-long queues at movie houses, uniformed street-corner stragglers became the earmark of Army and Navy towns. Morale was a real and urgent Army problem.

In the year that has passed, the readjustment of both soldiers and civilians has changed morale from a problem to a tangible military asset. Many events have contributed to this change. But a great role in the readjustment has been played by USO (official title: United Service Organizations). While America was still at peace, six great national welfare agencies—YMCA, YWCA, Jewish Welfare Board, Salvation Army, National Travelers Aid Association and National Catholic Community Service—joined forces to form USO. With emphasis on the "united" to avoid the unco-ordinated efforts of the sectarian service clubs of World War I, they undertook a Herculean task. Their job was to raise \$10,000,000, to provide fun and comfort for the armed services and for workers on the industrial front, and to teach a still skeptical America its own responsibilities toward its fighting men. USO has done that job well.

It has not been easy sailing. Fortunately, USO has never tried to tell the fighting men of a democracy what they must do for recreation. Instead it has permitted their individual ideas and desires to formulate the pattern and plan of USO. USO soon found classical music was as much in demand as swing in its clubs, that the Army and Navy were holsby-minded, that there were literally thousands of unforeseen little services USO could contribute to make itself of real value. LIFE, on these pages, presents some of USO's contributions to the fun and fancies of its fighting men.

America's Army has grown enormously in the past year and will keep on growing. Already America's men are stationed over the whole world and this year thousands more will be poured into the fighting fronts. USO is keeping pace with a growing Army and it follows its men wherever they may be sent. Already there are 37 offshore USO units and before the year is over there will be many more.

Last year, when USO was just a promise for the future, Americans contributed more than \$14,000,000. A month ago, when a new drive for funds started, USO set its quota at double last year's collection. Before July 4 it must collect \$20,000,000; by autumn it must have another \$12,000,000. It believes that that goal will be reached. It thinks that an America at war will want to give that much to an actual arm of the fighting forces.



JOHN D. ROCKEFELLER JR., honorary chairman of USO 1942 drive for funds, opens campaign in Chicago. USO has set its 1942 quota at \$32,000,000.



SERVICEMEN'S LOUNGE in Union Station, Washington, D.C., was formerly the President's Reception Room. Lounge was turned over to USO by President Roosevelt and is now used by 1,300 soldiers and sailors daily. USO operates 48 lounges in railroad and bus stations for troops in transit.



NEGRO GIRLS FROM ST. LOUIS stay overnight at colored USO club in Waynesville, Mo. Girls are scarce in many Army camp towns, so USO must import and sometimes house them. Below, waves of war-industry workers in Warren Township, Mich. in USO personality and health class.



CONTINUED ON NEXT PAGE

USO (continued)

DANCING IS FIRST AND FAVORITE FUN

USO, with 507 clubs, is the biggest chain dance-hall operator in the world. Every USO club holds free dances for servicemen. There are radios, phonographs and free juke boxes for dancing in the USO lounges and game rooms. Even with all its clubs, USO cannot answer the dancing demand in many big Army and Navy towns. Stag lines are almost always too long. When the overflow from its clubs becomes too great, USO must even rent big auditoriums, like the one on the opposite page, in which to give its parties. Dancing involves more than just space and music: USO usually has to provide the girls too. This means searching homes, schools, clubs and businesses for dancing partners. When the girls have been found, they all must be carefully checked, then their interests, talents and characters inquired into. Then at the dance itself they must be carefully chaperoned.

USO holds dances for Negro troops in their own service clubs and for war workers in the numerous clubs serving the industrial communities. When the troops are stationed too far from cities or clubs to attend the regular dances USO mobile units bring girls and music to these out-of-the-way spots.



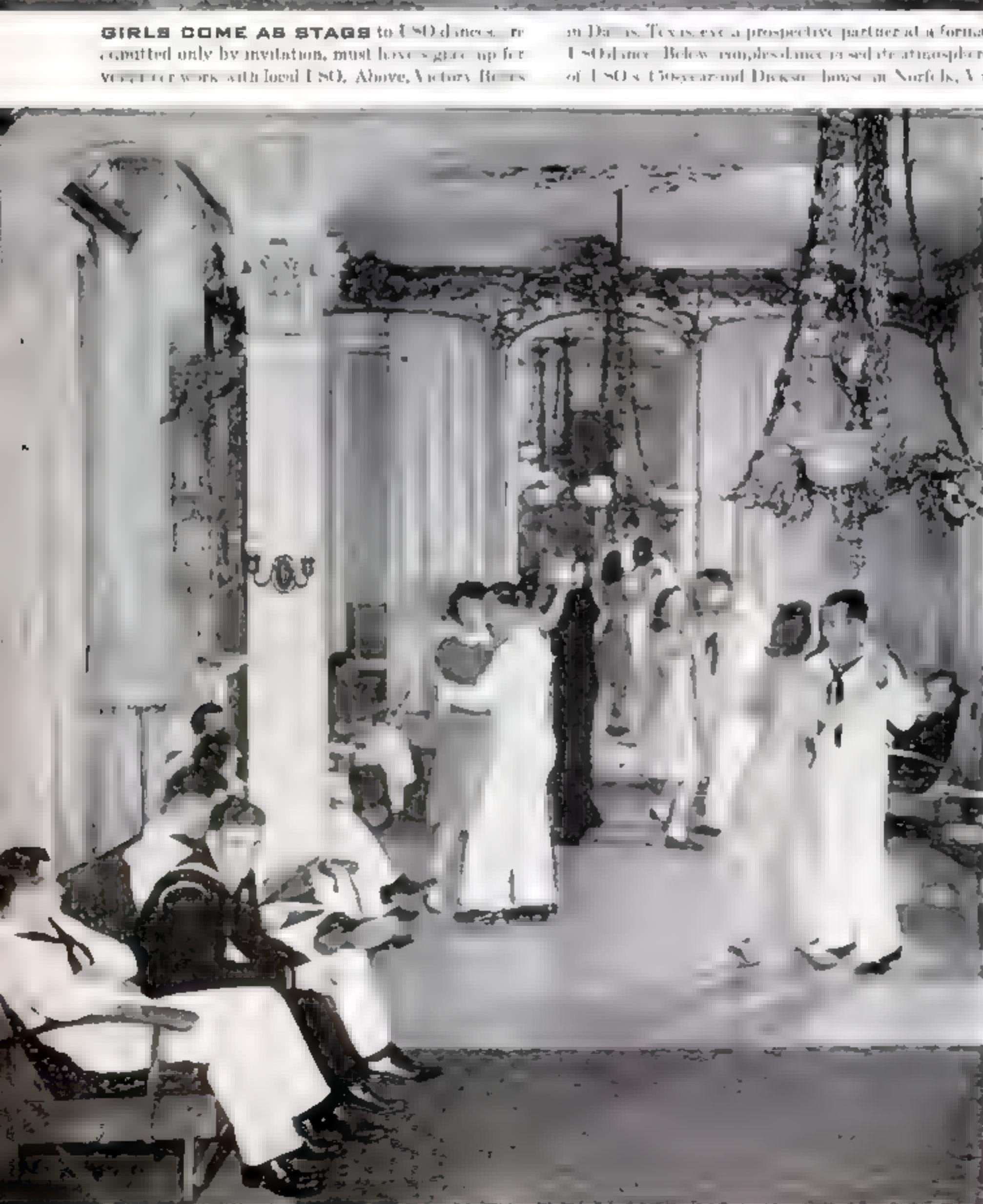
GIRLS COME AS STAGS to USO dances. Admitted only by invitation, must have given up for volunteer work with local USO. Above, Victory Room

in Dallas, Texas, eve a prospective partner at a formal USO dance. Below, couples dance in sedate atmosphere of USO's 150-year-old Dickens house in Norfolk, Va.

DANCE MILITARY of this war is a strenuous form of Lindy Hop, as demonstrated by these Dallas jitterbugs at the Baker Hotel ballroom.



MARINES JOIN JITTERBUGS at Dallas USO. Traditional rivalry among fighting forces must be temporarily forgotten at USO dances.



USO



DOUBLE CONGA LINE winds its way through the vast hall of the City Auditorium in Norfolk, Va. The dances held here every Tuesday and Saturday night are usually attended by

more than 1,200 servicemen and only some 300 girls. USO operates 20 clubs in the Norfolk area, still has to rent the City Auditorium four times a week for dances and roller-skating parties.

U.S.



SOLDIERS COMPETE AT CANDLE BOWLING IN WAYNESVILLE, MO.

IT PROVIDES FUN FOR ALL

Every soldier and every Army unit is an individual entertainment problem for USO. Like all Americans, soldiers dislike being told how to enjoy themselves, are scornful of prescribed recreation and stern supervision. USO has successfully avoided these pit-

falls. It has wisely avoided a set program and allowed each club to adapt itself to the demands of its mem-

The clubs themselves have their own peculiar problems. If they are located in big cities like New York, Dallas or Los Angeles, they can shape their entertain-



TAFFY PULL, staged by USO director in Waynesville, Mo., is messy and lots of fun. Missouri girls were experienced taffy pullers but the soldiers succeeded only in getting their hands gooey.



MOVIE BROUGHT BY A USO MOBILE UNIT ENTERTAINS THE



TAP DANCE is recorded in Norfolk USO by Sailors Fred C. J. Messina and Art Lucy Salvatore. Servicemen make recordings free at many USO clubs to send to folks at home.



SOLDIERS AND SAILORS ON LONELY BLOCK ISLAND, R.I.

ment around the activities of the city itself. There are ball games, theaters, sightseeing trips, benefit dances. But the small town fowls, near which so many big Army camps have been located, offer little to soldiers arriving for evenings or for weekends. Then the clubs

must improvise the sort of entertainment shown on these pages. They have taffy-pulls, tap dances, candle-bowbag or anything else the lively imagination of a director can invent. If not cajoled or compelled to participate, even the most blasé soldier will have a good time.

Still a third problem is posed by the thousands of sailors, soldiers and marines stationed on isolated outposts far from any kind of civilization. For these, USO provides mobile units which travel from post to post bringing the men movies, games, books and cigarettes.



FISHING PARTY is organized and equipped by USO for the anglers of Fort Leonard Wood, near Waynesville, Mo. Waynesville had 400 inhabitants before war, now has 4,000.



SAILORS LIKE COMMUNITY SINGING IN THE NORFOLK USO CLUB



JIGSAW PUZZLE commands rapt attention of Fort Leonard Wood soldier. USO provides quiet, secluded nooks for many soldiers who, tired of constant large groups, come to seek solitude.



**SOLDIERS AND SAILORS WRITE LETTERS HOME IN NORFOLK, VA. USO CLUB
SERVICEMEN AND DATES CROWD SNACK BAR FOR FREE FOOD AFTER USO PARTY**

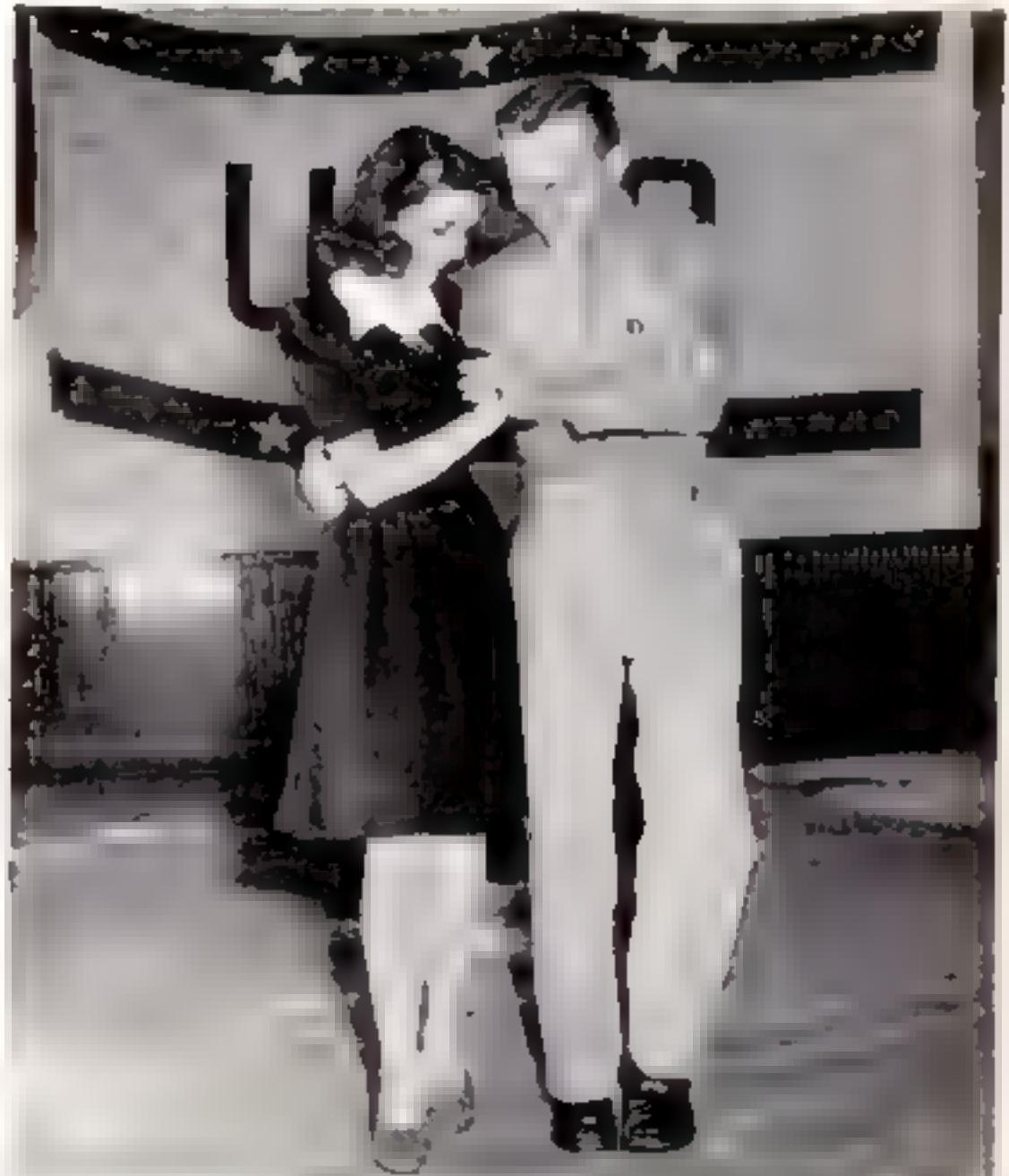


PANTS PRESSING is free in Dallas USO club but the soldier almost did the job himself. Dallas USO also provides free laundry.

TO MANY MEN ITS

More than 2,000,000 men visit USO clubs every month. Many of them come only for the special dances, parties, games and sports. But many more make USO a sort of second home. Soldiers in Army towns need a place off the post where they can entertain their families and friends. Most of all they need a place where they themselves can relax and feel at home. The pictures on these pages show some of many services USO provides to fill this need.

USO operates more than 900 snack bars and restaurants where servicemen can buy food, soft drinks and candy at cost. It has showers and beds for 35¢ a night in some of its clubs and it has a library of over 300,000 books. It sponsors special dramatic groups and debating societies and offers photographic, darkroom facilities for servicemen's camera clubs. USO conducts language classes in German, French and Spanish. All the clubs have writing rooms where more



A DANCING LESSON is given to Private Joan Ebynek by Elton Barrett at the Norfolk USO. Classes are held every Saturday.



FREE SHAVE at Dallas USO club is a luxury to Comord. John L. Lacey Jr. Dallas has two clubs and a lounge at Union Terminal.

CLUBS ARE HOME

Over 5,000,000 letters are written by servicemen each month.

Many unusual services spring from the demands of the men themselves. A USO director must be ready for anything. She may be asked to darn a sock, mend a torn uniform or teach a soldier to dance. She entertains men's families when they come to visit, and often has to find them a place to stay while they are in town. She patiently listens to letters from home and gives advice to the joycorm. USO mobile unit directors have oil painted washing machines for troops on shore duty, oil fixer-upper latrines for a Negro company in Manila, geometry and engineering textbooks for students, mosquito oils for men stationed on the Florida keys.

Demands for services are unpredictable and variable. No club can answer them all, for USO is limited both in funds and facilities. But wherever possible, USO adapts itself to the needs of the men and lives up to its promise of real service.



SAILORS SLEEP ON COTS IN THE NORFOLK NAVY "Y," NOW USO AFFILIATE

CAMERA CLUB MEETS AT VIRGINIA BEACH USO CLUB TO COMPARE PICTURES



CONTINUED ON NEXT PAGE



USO VICTORY BELLE Frances Weems darns a sock for Private Bob Dudley. Victory Belles spend hour or two each day at clubs.



VICTORY BELLE BUNNY BEKING PLAYS PING-PONG IN DALLAS



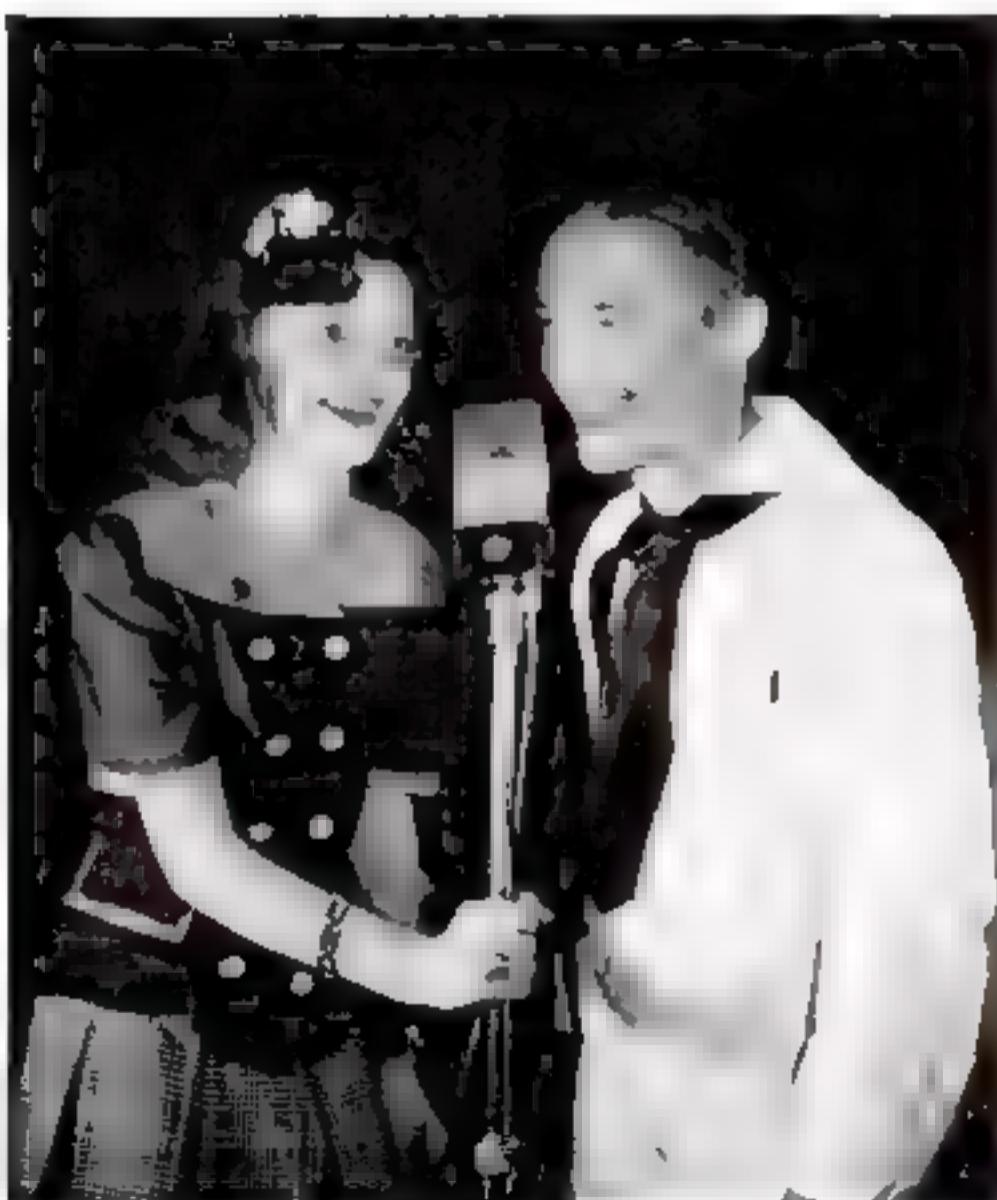
SAILOR STAN EASTY STROLLS ON A BEACH WITH BETTY DOLE

BOY MEETS GIRL IN EVERY STATE THANKS TO USO

The couples on these pages met through USO. The parties, games and picnics they are attending were arranged for them by USO. In wartime all the traditional methods by which boys meet girls break down when the men leave home for strange new places. USO has no substitute for the leisurely matchmaking of peacetime. But it does its best to arrange attractive feminine companionship for the men in their new surroundings. The number of USO marriages (LIFE, May

4) and the pictures on these pages indicate that USO succeeds to the satisfaction of many boys and girls.

Girls who attend service-club affairs are carefully selected by USO directors. Their duties as volunteers are not all as pleasant as those shown on these pages. They also work in the clubs as clerks, typists and waitresses. They mend socks, sew on rank insignia, write letters home for soldiers. But first and most important they are friends and companions for soldiers far from home.



HIS NEW GIRL, Virginia Merritt of Norfolk, Va., is introduced to folks at home by Bob Guiloyle on USO recording.

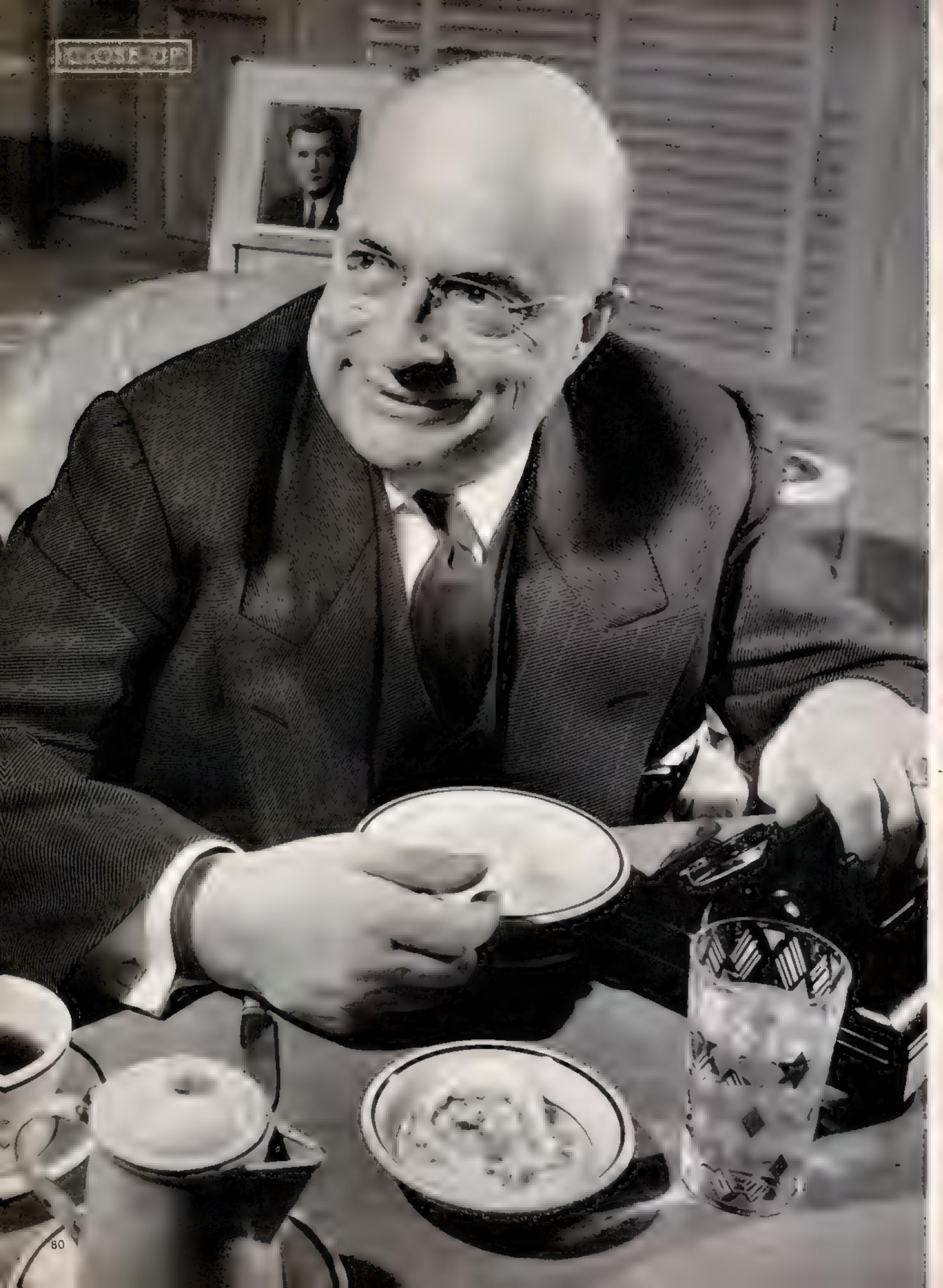


TWO MEN AND A GIRL come in first in blindfold race staged by USO in Waynesville, Mo., near Fort Leonard Wood.



COLORED COUPLE meet under the auspices of USO in Waynesville. Girls came from St. Louis for weekend dance.





N. 1 SHIPBUILDER

Henry J. Kaiser applies dam-construction methods to launch a third of the U. S. shipbuilding program and set the pace for the rest of it

by GERARD PIEL

One evening late in November last year, Henry J. Kaiser, a general contractor of Oakland, Calif., gave a talk on the subject of light metals. His audience was a group of enlightened bankers and industrialists, members of the Newcomen Society in New York, who gather to ponder the past and future of industrial progress. Light metals, Mr. Kaiser declared, are about to bring a technological revolution that will end the age of steel. Stirred by this vision, the Newcomen fellows elected him to membership by acclaim. Mr. "Pete" Newell, the Bath, Me. shipbuilder, was simultaneously moved to reveal to Mr. Kaiser the plans for his dream ship, which he had tried and failed to sell to the U. S. Navy. It was a destroyer to be made entirely, except for engines and guns, of the light metal, aluminum.

Mr. Kaiser took the aluminum-destroyer plans to Washington 48 hours later. At the Navy Department he started in on a commander in the Bureau of Ships. By sundown, the Navy had drawn up a preliminary letter of intent. For Henry Kaiser the age of light metals was at hand. Unhappily, within the week the Japs attacked Pearl Harbor and there is now hardly enough aluminum for airplanes. The aluminum destroyer of course must wait. Mr. Kaiser, however, cannot wait.

Because he wants to get to work on the light-metals revolution, Henry Kaiser is in a hurry to win the war. At a tempo worthy of his impatience he is busy doing it. From his six shipyards at San Francisco, Portland, Ore. and Vancouver, Wash. he is rushing shoals of 10,500-ton Liberty ships. To feed his yards with plates and shapes he is in the act of setting up the first vertical steel operation, from mine to rolling mill, in California. To supply California's aircraft factories, and with an eye on the future, Kaiser has built a plant near San Francisco which he hopes will shortly be producing yearly 40,000,000 lb. of the light metal, magnesium. As operator of the world's biggest single cement plant, Kaiser is contributing heavily to the war-construction program all over the map.

Under the heading of ships, it is easy to demonstrate that Henry Kaiser's operations may have something to do with the length and outcome of the war. During the last 18 months he has been assigned one-third of the U. S. shipbuilding program. This assignment, calling for 679 Liberty ships (whose simple design promotes speedy construction), 56 tankers and 30 transports, with more orders to come, makes Henry Kaiser the world's No. 1 shipbuilder. He signed his first contract for the building of 30 "Plain Jane" cargo vessels on Dec. 20, 1940. Into a mud flat yard site at Richmond, across the bay from San Francisco, on Jan. 20, 1941, he sent his first heavy battalion of bulldozers, dredges and pile drivers. On April 14, 85 working days later, with seven finished ways riding on 20,000 piles driven through to bedrock, he laid his first keel. Since then he has built five

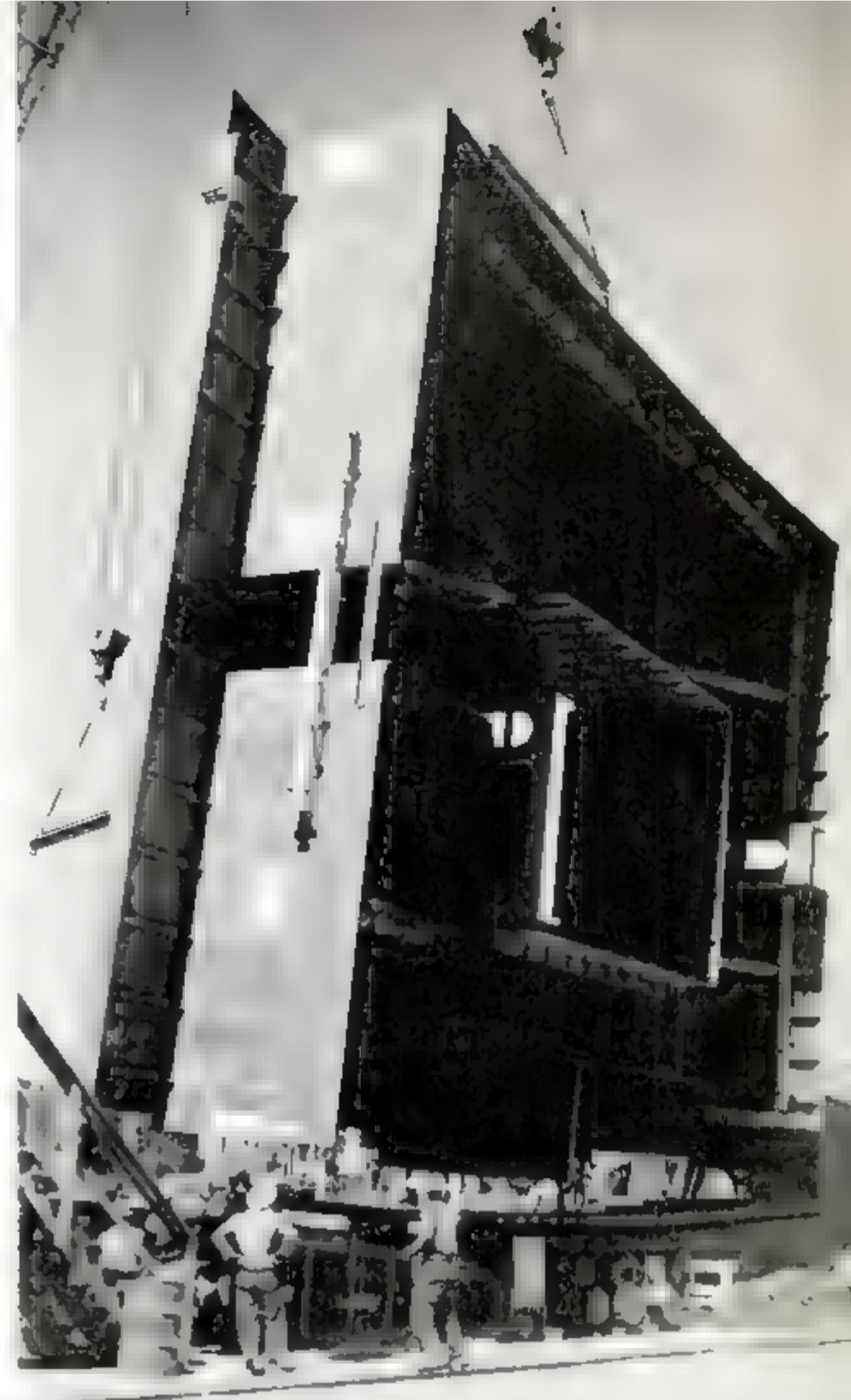
more yards, and launched 82 ships of which all but ten have been delivered. Last month, his yards delivered 5 Plain Janes and 16 Liberties, while all the other non-Kaiser yards engaged in the same program on the West, Gulf and East coasts together delivered only 30.

Kaiser's importance as a shipbuilder cannot be measured adequately by the production figures of his own yards alone. He is also the pacesetter of the whole shipbuilding program, the club with which the U. S. Maritime Commission's two admirals, Land and Vickery, belabor other yard operators. From 194 days on his first ship, Kaiser has cut the time between keel-laying and delivery to a spectacular low of 46 days on a ship delivered this June. In May, against a national average of 150 days for delivery of Liberty ships, Kaiser's Oregon yard established a keel-to-delivery average of 72 days. The Maritime Commission has translated each new record into a schedule increase for all yards, from two ships per way per year to six. By August, Henry Kaiser's yards should be launching a ship or more a day. If the rest of the nation's shipyards together can produce two a day, the Maritime Commission will be well on its way to the schedule that will produce 2,300 ships by Dec. 31, 1943.

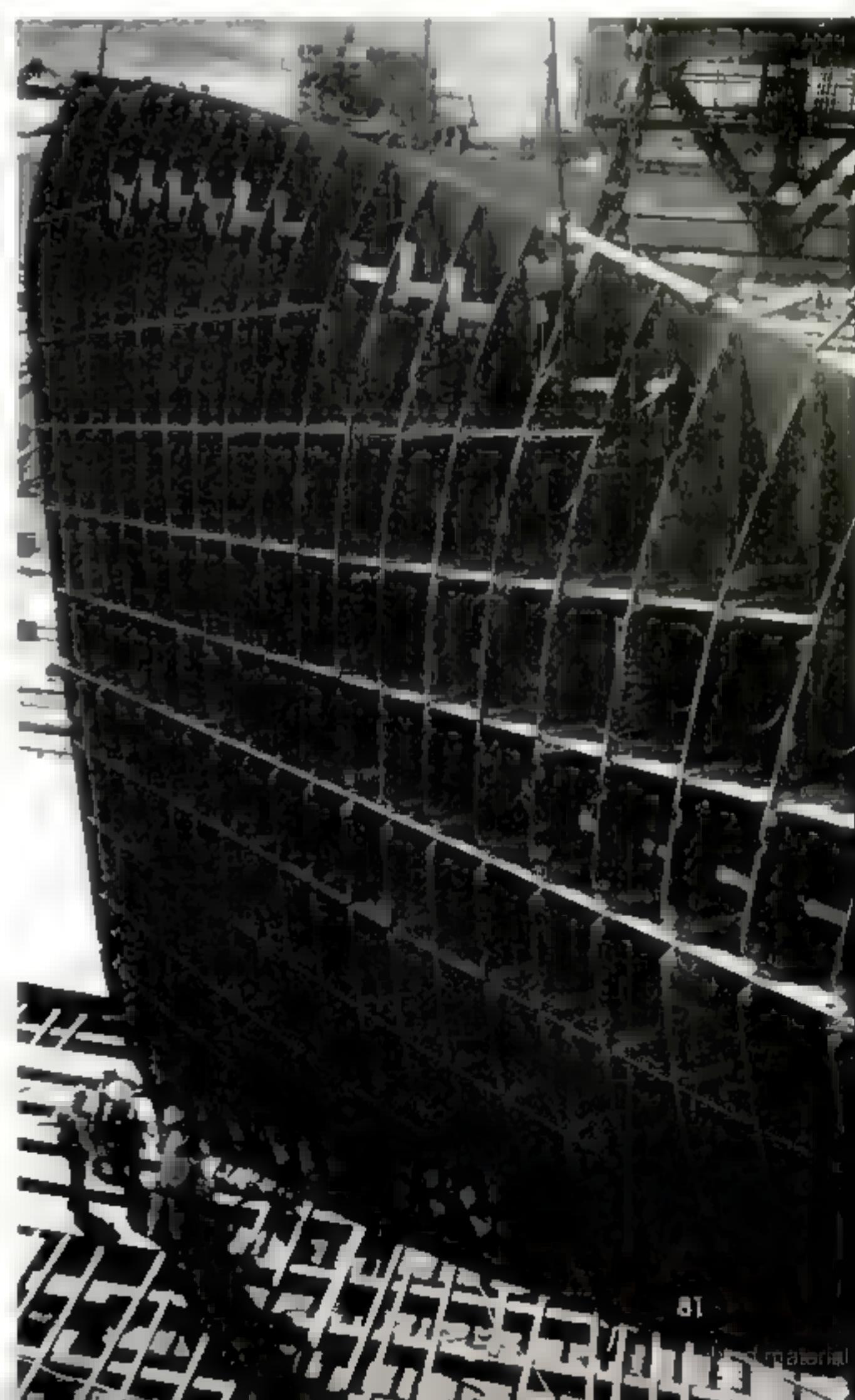
Kaiser's debut in the steel business, an incidental consequence of his shipbuilding operations, has brought to California a full-dress industrial revolution. He did his best, with a team of "expeditors" chasing his orders through every plant, to get his plates and shapes from the established Eastern centers and proved that the East could not satisfy his shipyard appetite for 600 tons of steel per way per week. He thereupon got the blessings of Donald Nelson and \$50,000,000 from Jesse Jones to set up his own capacity in California. That was in mid-February. Today, the foundations of his plant near San Bernardino, Calif. are in concrete, and the pot-bellied blast furnace is already shaping up in firebrick and steel plate.

The raw-material needs of California's aircraft plants provided the equally urgent occasion for Kaiser to get his light-metals revolution under way. Its beginning is his Permanente Metals Corp. magnesium plant at San Jose. In magnesium he has a metal lighter, and in some alloys stronger, than aluminum. But the technology of magnesium is not very far on this side of the frontiers of pure research and the Permanente process, just getting into production, is strictly a piece of pioneering. For the present, Kaiser will be happy to see Permanente's projected 40,000,000-lb. capacity go into bombs and bombers.

Before Hitler invaded Poland, Henry Kaiser had never laid a keel or tapped a blast furnace, and knew magnesium only as a blinding flash on the few occasions when he had been photographed. Kaiser was at that time what he still describes himself as: a general construction man with a sideline sand-and-gravel business. Though they have never heard his name, a good



Big ship sections, deckhouse (above) and double bottom (below) weighing up to 100 tons, are prefabricated in Kaiser shipbuilding yards, then lifted by two cranes onto ways, where they are assembled into a ship.



STORE UP WEEK-END SUNSHINE... BUT



THROUGH ORDINARY SUN GLASSES
you get reflected glare - enough to dazzle your eyes and blur detail. Ordinary sun glasses merely dim glare and dim seeing too!



THROUGH POLAROID DAY GLASSES
reflected glare is filtered... not just dimmed! Without the glare you see details sharp and clear. You get restful, comforting vision.

IF YOU HAVE a job that must be handled efficiently - especially a hot job - don't turn up after a week-end with tired, sunburned "Monday Eyes"!

Protect yourself from eye-stabbing sunlight by wearing Polaroid* Day Glasses!

Polaroid Day Glasses are unlike ordinary sun glasses. They don't just dim harsh, reflected sun-glare... they filter it. Yet the hard-to-believe part is that they let through "seeing" light. Instead of dazzling glare, you see objects in their clearest detail!

Add to this the fact that you are also protected from ultra-violet (sunburn) rays, and over-brilliant light and you'll understand the restful, comforting vision you get with Polaroid Day Glasses! Try them... \$1.95.

POLAROID*
*T.M. Reg. U. S. Pat. Off. by Polaroid Corp.
Day Glasses

AMERICAN OPTICAL COMPANY

World's Largest Makers of Ophthalmic Products • • • Southbridge, Massachusetts

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Contributions Editor **LIFE** Rockefeller Center, New York City

"DON'T WANT DISEASE-CARRYING FLIES AROUND MY CHILDREN
... SO I SPRAY

FLIT
REG. U. S. PAT. OFF.

PUT'S THE SPRAY YOU'LL LIKE BECAUSE:

It's quick death to mosquitoes, moths, flies, bed bugs, roaches, ants, and many other household insects!

Flit has the highest rating established for household insecticides by the National Bureau of Standards... an AA RATING!

Has a stainless spray when used as directed.

Has a pleasant odor... won't harm when used near food!

© 1942 U.S. Steel Inc.



Prefabricated forepeak is swung by two cranes into a Kaiser shipway for welding onto hull. Workers are organized in teams, specialize in construction of each ship section.

NO. 1 SHIPBUILDER (continued)

many U. S. citizens have beheld Henry Kaiser's monuments in sand and gravel. There is, for instance, Boulder Dam, which Henry Kaiser and his associates built in four years of blasting, boring and concrete-pouring, two years ahead of the Federal Government's contract date. His handiwork is to be seen also in Bonneville Dam, smaller than Boulder but a more daring feat of engineering across the wide, deep channel of the swift Columbia River. Last year he set the capstone on these lesser works in the massive shape of Grand Coulee, as huge a thing as man will ever want to build.

The connection between Kaiser's dams and his current career in shipbuilding and steel rolling is not so obscure as might first appear. They are all, in Henry Kaiser's words, "just problems in the handling of heavy materials." With buoyant hindsight, Henry Kaiser finds an even stronger thread of logic in his progress. The West Coast first had to have its highways. The dams provide water for its irrigated agriculture, power for its cities. Now he brings it heavy industry. Tomorrow the West Coast, and especially California, will be the hub of his light-metals civilization.

The thrill of achievement

The impatience with which Henry Kaiser's optimism is alloyed derives from the fact that he celebrated his 60th birthday on May 9 and wants very much to outlive the war. He suffers from more than the orthodox reluctance of the U. S. businessman to retire. At 60, Mr. Kaiser feels that he has just begun to enjoy what he calls the "thrill of achievement." While the building of four pyramids occupied the careers of four Pharaohs, Mr. Kaiser's three dams, each one bigger than the tomb of Cheops, occupied only a decade. In consequence he is goaded by an appetite for achievement that even 7,500,000 tons of ships cannot appease.

Henry Kaiser's restless spirit animates a figure that is built on an appropriately massive scale, surmounted by a bald head with the symphonic dimensions of the dome of the Finnish composer, Sibelius. The mental images that parade through Mr. Kaiser's head are not stocks, bonds, contracts and like wispy abstractions, but such unequivocal realities as cranes, kilns, girders, furnaces, conveyor belts and

skilled laborers. With these ideas, he hates to be alone for very long and, when one has ripened to full unembarrassed grandeur, he feels urged to communicate at once with as many of his associates as possible. He expresses himself, sometimes after moments of impassive deliberation, in an unhurried, paternal tone, especially cajoling in its lower registers.

"What is life?" Mr. Kaiser asks rhetorically, and exclaims, "It is contacts with other human beings." He is proud of his continuing partnership with the group of contractors originally assembled to build Boulder Dam. He has let few of his employes leave his organization. His oldest executives—including A. B. Ordway, his first general manager, G. G. Sherwood, his financial housekeeper, and Tom Price, his star construction superintendent now directing Kaiser operations on the new Panama Canal locks—address Mr. Kaiser as "H. J." and share the profits of his enterprises through the parent Henry J. Kaiser Co. To this circle have been admitted a half-dozen younger men, on whom Mr. Kaiser looks with the pride of a father.

Among these young men, Henry Kaiser's son Edgar holds chief place in his own right. At 34, he is in command of the Kaiser yards at Portland and Vancouver. On his record as the producer of the biggest number of Liberty ships in the shortest time he is rated the top shipbuilder in the program. Henry Jr., 25, two years out of college, is apprenticed to Clay Bedford, the super-able 35-year-old engineer who runs the yards at Richmond. From the Oakland home office three more young men have gone out to field command: Chad Calhoun to manage steel, and Donald Rhoades and H. V. Lindbergh to produce magnesium. Still in Oakland is 33-year-old Gene Trefethan, Mr. Kaiser's one-man task force.

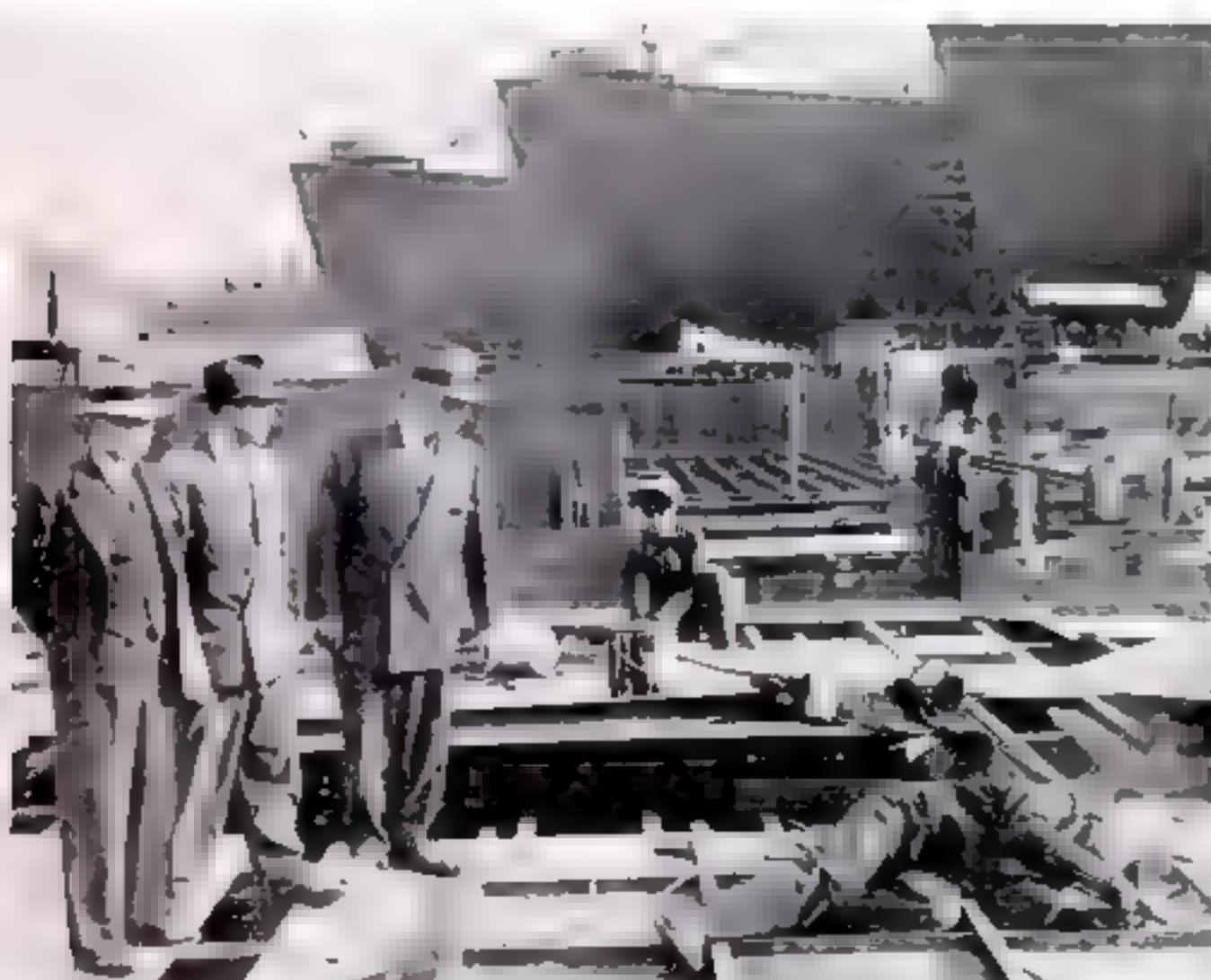
When he has set up one of his young men on a job, Mr. Kaiser scrupulously keeps his hands off and makes suggestions only with the grandest tact. They respond by consulting him on every occasion and showering him with detailed reports of their progress, proudly documented with photographs. Exhibiting one of these reports, Mr. Kaiser beams his happiest horizontal smile. "You should have seen Clay Bedford when he brought this in here," he says, "his eyes were just shining." When importuned by salesmen and promoters who think they can get a decision by consulting the old man directly, he reasons at great length. "I wish you would talk to Gene (or Dusty or Clay or Edgar) about this. It's his project, and if you could see how he works on it you wouldn't want me to take the joy out of it by making up his mind for him."

Mr. and Mrs. Kaiser live alone in the family house in Oakland overlooking San Francisco Bay. Of it Mrs. Kaiser says, "We never had a home." For during the heavy-construction years she and the boys always accompanied their paterfamilias on his 90,000-mile-a-year tours of construction sites.

The Kaiser family's summer place at Lake Tahoe is a characteristic and favorite project of the Kaiser family. In 28 days, in the spring of 1935, Kaiser facilities and men, working at night under floodlights, transformed an unpromising marsh site into a landscaped lawn, with a commodious stone house, four stone guest cottages and a boat house planted as if they had been there for years.

The field of general construction which engaged Henry Kaiser's energies is, with the possible exception of the railroads, the heaviest U. S. industry. The builders move the earth itself, astronomical tons

CONTINUED ON NEXT PAGE



Kaiser and son Edgar (second from left) inspect operations at one of Edgar's yards near Portland, Ore. Three ships looming in the background were launched on Maritime Day.

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PROFESSIONAL APPLICATIONS AT YOUR BARBER



With Donald Nelson, Henry Kaiser discusses plans for California steel. A transcontinental commuter, Kaiser brings not only problems but solutions for them to Washington.

NO. 1 SHIPBUILDER (continued)

of it every year, and in its place set the works of concrete and steel by which the future will know our times—highways, tunnels, canals, bridges, breakwaters, dams and buildings. For all their weight, builders have a deadline obsession exceeded only by that of publishers. Every contract has a date. The builder must meet that date with the structure completed, come high water or hell in the form of an unseen vagary in the particular geologic formation through which he is working. A dam-building Federal contractor can stand one or two disasters but there is not much between "Joe Magee" and foreclosure on his one-sack mixer and his truckload of wheelbarrows. There have been no great U. S. fortunes founded in this field of enterprise. To inherit the family business the son needs, much more than an engineering degree, the old man's combination of luck, guts and resourcefulness. It is the hardest-boiled U. S. industry and only 4% of those who enter it are good enough to last ten years.

Neither education nor inheritance prepared Henry Kaiser, youngest of four children in Canajoharie, N. Y., for a career in heavy construction. He owes the original inspiration to his father-in-law. When he first sued for the hand of Bessie H. Fosburgh, young Kaiser was making his living in Lake Placid, N. Y. by developing and printing snapshots taken by summer visitors, of whom Miss Fosburgh was one. The late Edgar Fosburgh, a lumberman of Norfolk, Va., could not be persuaded that the first Kaiser enterprise was either feasible or dignified. For his consent, Mr. Fosburgh laid down stern conditions: the young man must close up his shop, go far away from summer resorts, preferably to the Northwest, get a job in a real business and arrive at a salary of at least \$125 a month. Within a year, in the spring of 1907, Henry Kaiser was back, the conditions fulfilled and a house in Spokane, Wash. all built and furnished for his bride.

It was an auspicious time for a young man to go into the construction business in the Pacific Northwest. The new cities and towns were just tackling the job of paving their streets. Still to come were the highways and bridges and the great works that lay beyond. Starting as a salesman, Henry Kaiser was able to skip the Joe Magee class and soon was in business for himself.

Time, measured by pay checks for man-hours, is the big money-eater on construction jobs. The way to get speed, Henry Kaiser discovered in his very first ventures, is to equip the men with "facilities." He began modestly by putting rubber tires on his wheelbarrows. This was the original Kaiser "facility," and it paid off in more loads wheeled per man-hour. By 1921, when California was ready to ask bids on its first big highway job, a 30-mile, \$500,000 stretch between Red Bluff and Redding, Kaiser's facilities, including wheelbarrows grown up and hitched behind caterpillar tractors, had far outrun street-paving's modest schedules.

With California's splendid terrain as his raw material, Kaiser's aspirations now assumed Paul Bunyan dimensions. He found his Blue Ox in the Diesel engine. When equipment manufacturers balked at it, he installed Diesels himself in tractors and shovels. At first, they stripped transmissions, twisted drive shafts and generally knocked apart the machines he put them in. Looking for help, Kaiser discovered Bob Le Tourneau, an earth mover like himself, who bid on construction jobs only to test out the monsters he created in his machine shop. Kaiser and "Tobin Bronze Bob," so named after the welding rods always sticking from his pockets, built a succession of bulldozers and carryalls that swallowed through and under ever greater cubic yardages of earth. Le Tourneau's name today is carried



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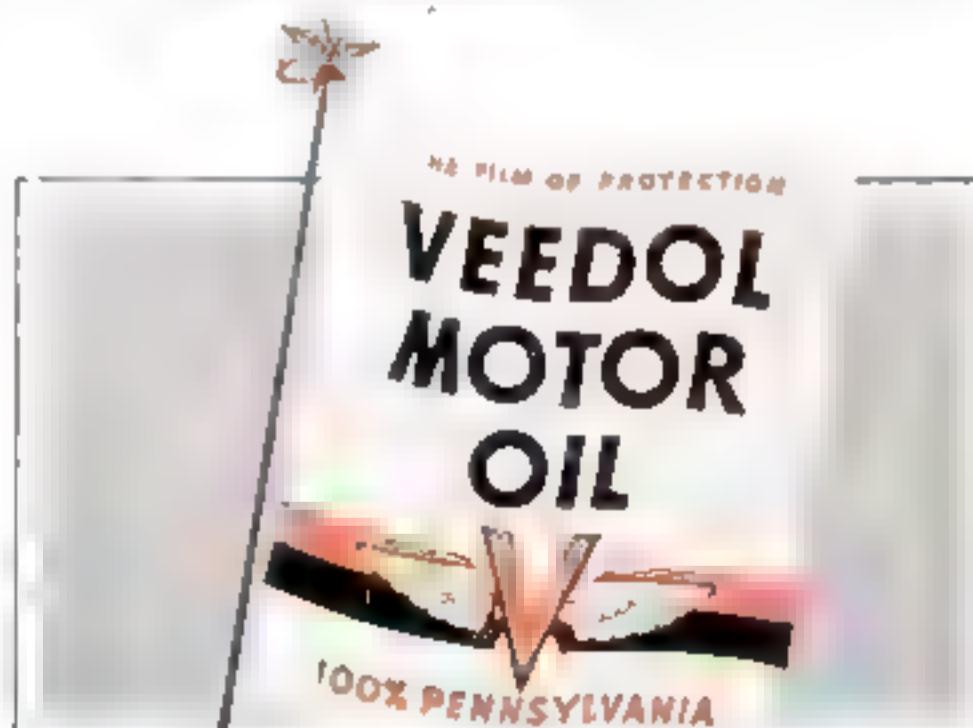
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The Kaiser family, Henry Jr., Mrs. Kaiser, Henry Sr. and Edgar, gather to watch Mrs. Kaiser launch one of Edgar's Liberty ships in Portland. The Kaiser sons went to work

NO. 1 SHIPBUILDER (continued)

by some machine at every big construction site in the land. But even with Le Tourneau's help, Kaiser never had equipment big enough. He spent winters, when contracting lagged, pleading with manufacturers for more capacious concrete mixers, higher-powered tractors, bigger shovels. On the Mississippi levees in 1929, Kaiser got a nickname of his own—"Sideboard" Kaiser, for his penchant to extend the capacity of his power shovels by boarding up their sides.

Kaiser's biggest highway job was a 300-mile, 200-bridge road across Cuba's swamps, from Havana to Camaguey. It was also his last. Having taken along a shipload of caterpillars, bulldozers, carryalls, shovels, mixers and spreaders, he discovered that these were totally beyond the comprehension of Cuba's genial hardworking day laborers. After losing \$80,000 a month for six months on his efforts to educate them, Kaiser had to sit by and watch the Cubans load gravel, a cubic foot at a time, onto the backs of little burros. It took them an average of a week to pile up enough material for one day's regurgitation by a Kaiser mixer.

Today, Henry Kaiser says grandly, "Cuba was not a venture; it was a construction adventure." At the time, however, his spirit cried out for redress. Highways, he decided, were no longer a worthy exercise for his facilities. He felt he had outgrown them and came home from Cuba before the job was finished to attack the most presumptuous piece of engineering ever to come off a slide rule.

Boulder Dam

On the boards since 1920, Boulder Dam was a job clearly beyond the capacities of any one of the 20 or 30 topnotch contractors in the western States. Hence a partnership known as The Six Companies, Inc. was organized by a formidable team of seasoned veterans: W. H. Wattis of the old and powerful Utah Construction Co., builders of stretches of the mountain-spanning Great Northern and Union Pacific Railroads; W. A. Bechtel of San Francisco, another railroad builder; Charlie Shea of J. F. Shea Co., who went on from Boulder to work on the Metropolitan Aqueduct into Los Angeles and the Delaware Aqueduct into New York City; Felix Kahn of McDonald and Kahn, builder of industrial plants; Harry Morrison, an old Reclamation Bureau engineer and dam builder; and the Pacific Bridge Co., underwater experts of Portland, Ore. Henry Kaiser was the seventh member of this partnership, sharing the equity of "Dad" Bechtel, who was the first California contractor to walk on to Kaiser's first California construction site. Kaiser built Boulder City to house the dam's 5,000 workers, and thereafter took command of the Six Companies' executive committee.

The Six Companies' first chore was to bring the dam site out from under water. Through the canyon walls the partners sent their tunnel crews, riding on moving scaffolds that bristled like Roman siege machines, with long pneumatic drills, to bore the 50-ft.-diameter tunnels as smoothly as a housewife cores an apple. With the Colorado piped through these, they drilled and blasted tons of river and weather-rotted rock from the walls and bottom of the canyon cavity. Then the concrete was poured from 8-yd. buckets that traveled eerie trajectories, dangling from the high lines between the mixing towers and the rising forms of the dam. The Six Companies never stopped for breath through four years of sun-baked days and floodlit nights. On May 29, 1935, Boulder Dam was delivered, two years ahead of schedule.

Boulder spoiled Henry Kaiser's pleasure in all but the most in-



early on their father's projects, did not bother to study engineering at college. Mrs. Kaiser, as of old, is her husband's traveling companion, commutes with him to East

spired construction jobs. After Boulder, he waded into the Columbia River to build Bonneville, a job which three of the Six Companies passed up and which many engineers declared to be impossible. After Bonneville, Grand Coulee, the biggest of all dams, was just a work-out for Kaiser facilities. In the concrete of the dam itself, Kaiser and his partners embedded the legs of an 1,180-ft.-high, four-track trestle that would have done any railroad proud. On this eminence rode thirteen hammerhead cranes, weighing 368,000 tons, to pour the concrete which gushed in a torrent from the biggest mixing plant ever built. Kaiser's job at Grand Coulee was finished by March of last year, well ahead of schedule.

During the preliminaries of his construction jobs, Kaiser was continually on the site, soothing overwrought engineers and peering over draftsmen's shoulders. But when facilities settled down to pouring concrete, he went back to Oakland to rough out the next project. With the exception of the San Francisco-to-Oakland Bay Bridge, for which he built the piers, and over which he drives at every opportunity, Mr. Kaiser has never found time to go back and view one of his major projects in finished splendor.

Henry Kaiser had his energies diverted from dam construction to war production by an incident reminiscent of the one that ended his highway-building career. This time it was Shasta Dam that cramped him. Twice as big as Boulder, higher than Grand Coulee, Shasta, at the head of the Sacramento River, will be the most beautiful of all dams, with a 560-ft. waterfall sliding from its crest. It might not have been an entirely anti-climactic encore for the builder of Boulder, Bonneville and Coulee, but Mr. Kaiser's combination lost it by \$200,000, a tiny fraction of the \$42,500,000 bid.

To assuage his disappointment, Mr. Kaiser set out to do everything but build it. He contracted to supply Shasta's sand and gravel, which constitutes 90% of a dam's bulk. He squeezed out the Union Pacific's bid to deliver his sand and gravel by inventing a wholly new system of freight hauling. This is an outdoor conveyor belt, 10 miles long, on which Kaiser's aggregates are now flowing as if liquefied over the top of a mountain, across three highways and twice across the Sacramento River at the rate of 10,000 tons a day. Finally, completely ignoring the fact that he had no cement mill, he bid to produce and supply Shasta's cement. The Shasta cement contract has since proved to be Henry Kaiser's first direct contribution to war production.

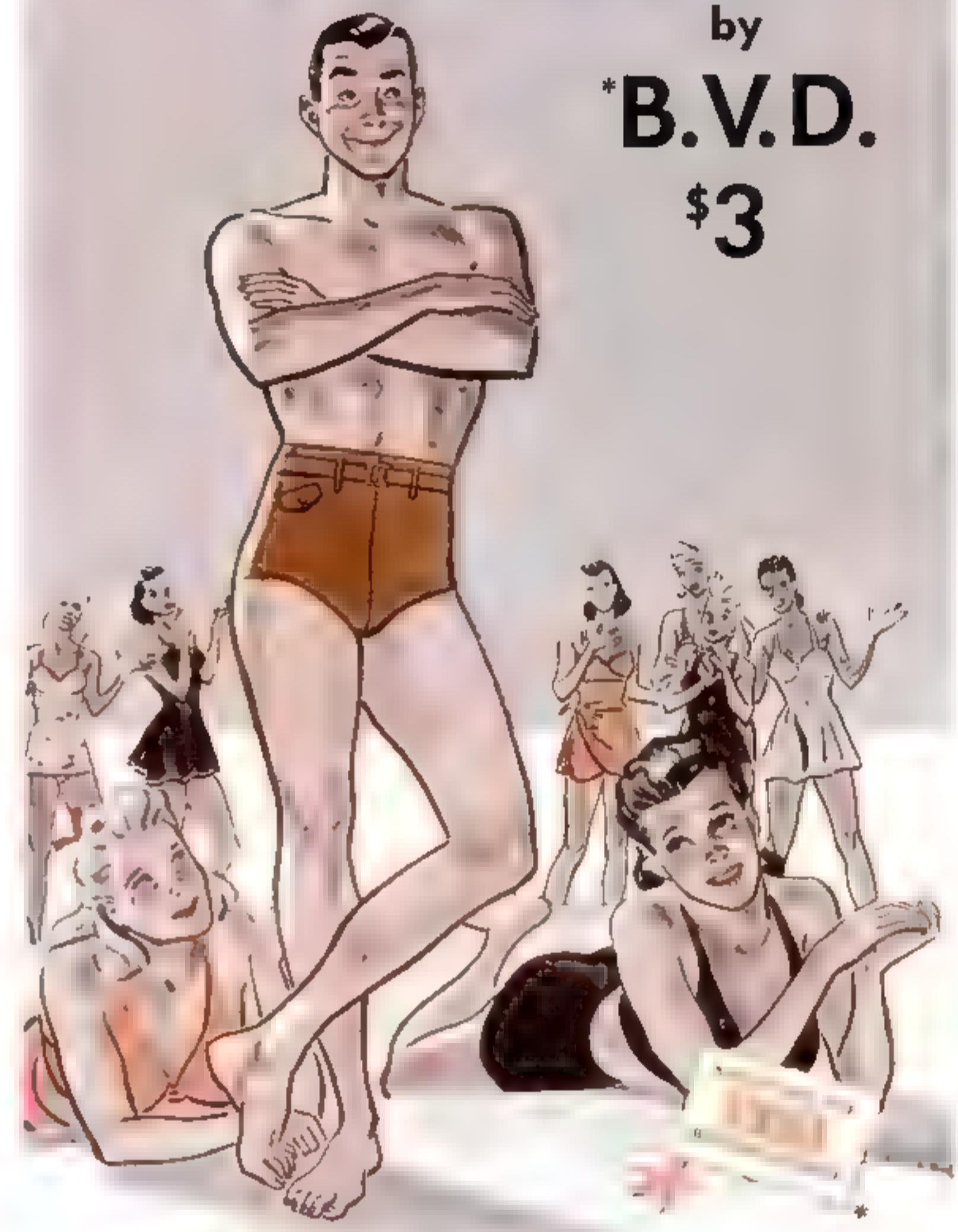
Kaiser had long wanted to do something about cement. Its price, based on the industry's subcapacity operation of its obsolescent plant, was too high. For Henry Kaiser, who has no use for obsolescent facilities and hates to see any machine operate at less than 100% capacity, this was not only expensive but sinful. Without ever having produced a bag of cement, therefore, he offered to supply all of Shasta's 5,800,000 barrels at \$1.19 each. This was 46¢ below the bid of established producers, no one of whom dared to bid for the whole contract. The contract was signed in August 1939. On Dec. 25, 1939, the Permanente Cement Mill, the world's biggest and newest, deposited its first bag of cement under the Kaiser Christmas tree. Since Permanente got under way, cement producers have been busy tipping out their old facilities, building new capacity. This upheaval in the cement business came just in time for the biggest construction boom in history - the war program.

Kaiser's invasion of steel this year has been equally revolutionary. He saw, 18 months ago, that his yards and the whole shipbuilding program would be slowed down for lack of steel. The attitude of the industry, influenced by unhappy memories of the past decade, was epitomized in the Gano Dunn report of February 1941, which declared that the nation's steel capacity was more than ample. The re-

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5. **ENJOY** its distinctive *fresh fragrance*!
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NO. 1 SHIPBUILDER (continued)

lease of this report killed Henry Kaiser's first application to OPM for authority to set up steel facilities on the West Coast. Even after OPM ordered a 10,000,000-ton expansion, the industry failed to show alacrity. In January, therefore, Donald Nelson fired the starting gun for Henry Kaiser's steel. By December, Kaiser promises to have 750,000 tons of pig iron and 400,000 tons of steel plate flowing out of Utah coal, California ore and West Coast scrap. The effect on the older steel companies has been salutary. Both Bethlehem and U. S. Steel are now out to beat Kaiser's schedule.

When he gets on the subject of shipbuilding as it was before he took a hand in it, Mr. Kaiser can talk for just so long and must then erase the dolorous picture with the exclamation, "It was pitiful!" Before 1936, when the U. S. Maritime Commission came to the rescue, U. S. shipbuilding was in rigor mortis. Even under Maritime's program of 50 merchant vessels a year, the yards built their ships after the traditions of the craft—with extravagance of art and time and with economy of machines and men. They built them on the ways, plate by plate and rivet by rivet, with time out for changes in design. The launching of a hull was only the beginning of weeks of fussy operations at the fitting basins.

The "front end" of a ship

To Henry Kaiser, who still speaks of the "front end" of a ship, 679 merchant ships have about the heft of Boulder Dam's 3,250,000 yards of concrete. It is another job for facilities. In his yards the word facilities means, first of all, space—a lot more space than is confined in the falsework around the narrow way. His ways are only a final assembly point. The ship is cut up, spread out and built in sections, in fabrication shops, in open lots and on big steel-floored sub-assembly platforms, where there is room for hundreds of welders and cutters to work without getting in each other's way. The limit to the size of the erection sections that can thus be built is the capacity of a shipyard's cranes. Kaiser has the biggest ones, to lift 100-ton prefabricated double bottoms, bulkheads, side walls, forepeaks and after sections onto the ways.

At the yards on San Francisco Bay he is building a vast fabrication shop through which, on trailers the size of hockey rinks, the superstructures of ships will move down an assembly line. Cut up in four vertical sections, they will emerge with plumbing, wiring, binnacle, wheel, radio transmitter and galley stove installed. With a few swift passes of the welding stinger, the completely furnished deck-house will be sewn on the hull before it leaves the ways.

Because, in peace and war, the Federal Government has always been his biggest client, Henry Kaiser has been called "the New Deal's businessman." In some circles he is also suspect because he makes a practice of signing closed-shop contracts with labor unions. From Mr. Kaiser's point of view this puts the burden of good behavior on the workers, and, to his satisfaction, his operations have



Heavy-construction-man Henry Kaiser, standing on Caterpillar-Diesel tractor, gets a kick out of watching a power shovel load a carryall with limestone for his cement mill.

never been interrupted by a strike. Apart from this deviation, his political opinions are orthodox enough to have made him a Willkie voter.

There is some confirmation for his anomalous title in the warmth with which Henry Kaiser is regarded in Washington. This admiration, however, cuts across all lines, from Harold Ickes, whose Reclamation Bureau was party of the first part on the dam contracts, to Donald Nelson who set him up in steel. His eminence is such that he was widely discussed, during Admiral Land's recent ordeal, as a possible chief for the whole shipbuilding program. A few industrialists, it is said, are growing tired of having Henry Kaiser held up to them in Washington as an example for their study and emulation.

Mr. Kaiser takes his role as an object lesson seriously. He was distressed by his recent discovery that some industrialists are inhibited, not spurred, to enterprise by the profit motive. On these men he urges his conviction that the avalanche of production now rolling out of U. S. plants will never and can never stop. "When you think of China and all those countries," he says, "our business is to rebuild the world."

It is for the world after the war that Henry Kaiser wants to get his magnesium plant into production. Permanente Metals Corp. is in all respects his most extraordinary enterprise. The Hansgirg patents, on which the Permanente process is based, involve delicate reactions between this incendiary metal and a series of explosive gases. The dam-building approach to the frontiers of technology is symbolized at Permanente by the presence of a Grand Coulee hammerhead crane which will handle the glowing retort bottles when the plant gets under way.

In Permanente's laboratory, Henry Kaiser has a crew of scientists and technicians engaged in fundamental research toward the development of high-strength magnesium alloys. Certain of these researches, watched with interest by West Coast aircraft plants, may revolutionize plane production. On the lightness, strength and durability of magnesium, Mr. Kaiser has projected an era of air transport when freight will be hauled at 2¢ per mile per ton, by trains of gliders pulled by locomotive planes. Light metals in planes, cars, railroad trains and ships, in Henry Kaiser's dreams, will usher in an age of transportation that will call for the redesign of our whole civilization. He has some of its details, in the design of planes, airports and super-highways, in sharper focus than most of our more imaginative industrial designers.

In March, Henry Kaiser was talking to Jesse Jones about another technology that entralls him—the cracking and synthesizing of fuels, rubber and other strategic materials out of petroleum. Mr. Kaiser likes to speak of planes as made with petroleum and magnesium as their only raw materials. Mr. Jones, perceiving the gleam of another enterprise in Mr. Kaiser's eyes, said, "Henry, you're no longer a young man. I am not accustomed to putting all my eggs in one basket. What would happen to us if you were to go and die?"

"My boys would finish all your contracts, Mr. Jones," said Henry Kaiser, "I would just be sorry not to be here asking for more work to do."



Sand-and-gravel-man Henry Kaiser scuffs through gravel at his Radom, Calif., screening plant. Sand and gravel, aggregate to trade, is Kaiser's "bread and butter" business.



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BUY UNITED STATES WAR SAVINGS BONDS AND STAMPS



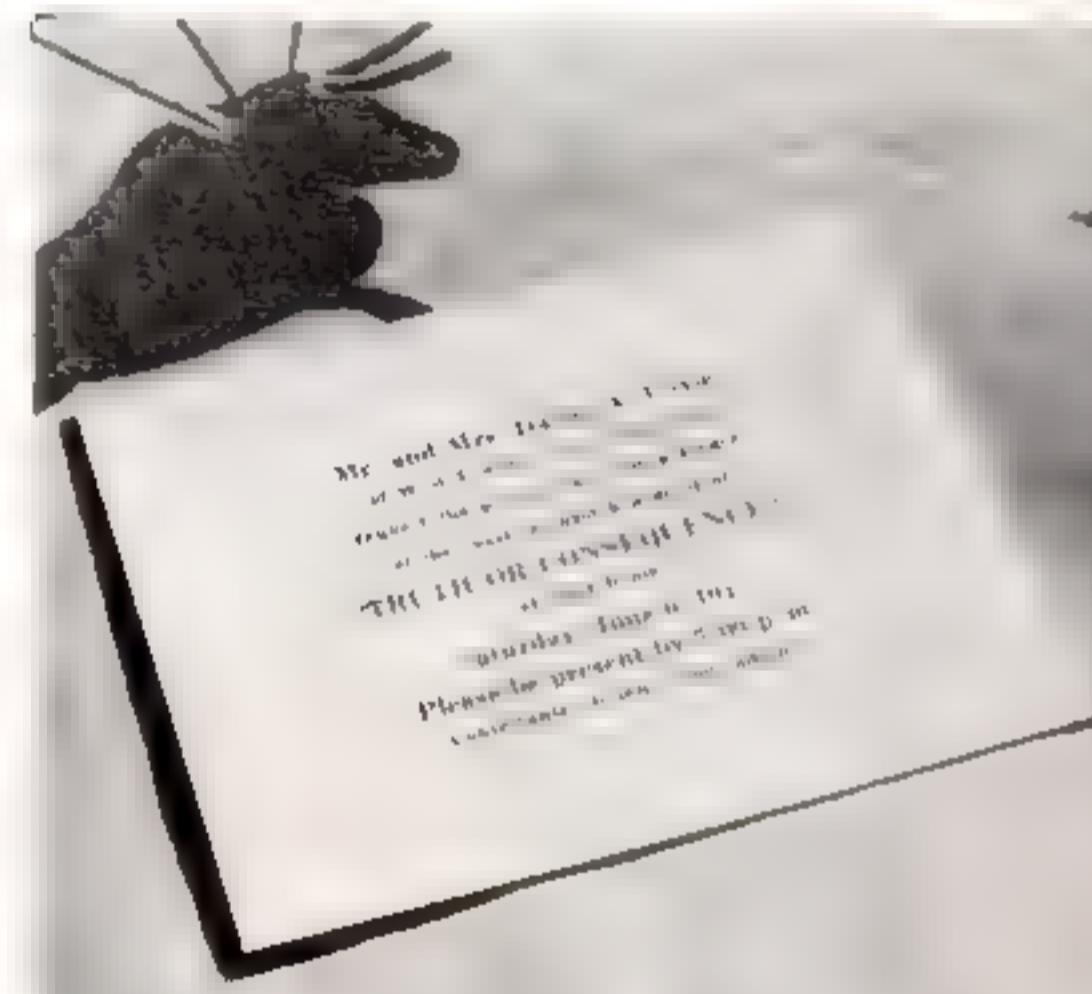
CARPENTERS INVADE MRS. DOYLE'S LIVING ROOM TO BUILD BLEACHERS FOR BROADCAST'S WEST TOWNSEND AUDIENCE
CREATOR AND CONDUCTOR OF "TRUTH OR CONSEQUENCES", RALPH EDWARDS, QUESTIONS THE LOCAL CONTESTANTS



Life Goes to a **Mrs. D.A. Doyle Is hostess to "Truth**

From swimming rafts and haystacks to side porches on rainy afternoons the game of Truth or Consequences has been played by millions of children all over the U. S. Not to be outdone by the sons and daughters, grownups now play the game on a radio program where it is more fun to pay a consequence than answer truthfully and receive \$1 in war stamps.

Highest consequence ever dealt out on the program's two-year, story went to Mrs. Daniel A. Doyle of West Townsend, Mass. (pop. 1,100) who had to hole the next week's program in advance for being unable to name five presidents whose names began with H. To her New England hometown of Sturbridge, morning came an 18-car train crew of writers, an architect, engineers and carpenters. Mrs. Doyle snailed her house across the way, clearing every bit of uprooted to make room for a mobile stage which was built right into her living room window. By 8:30, 77 West Townsend folk were sitting on bleachers in the second parlor, then crowded into the room. Two hundred more stood on the lawn. Listened to the show on



Formal invitations for radio program were sent to radio friends and neighbors. Some invited the party, but few came.



Building control booth at the side of the house was first step in transforming Mr. & Mrs. Doyle's living room into a radio studio.

Radio Broadcast or Consequences" In Massachusetts

portable radios. Missing was a rented elephant which had been stopped by police near the State border.

First contestants, Mr. and Mrs. Laventure, neighbors of the Doyles, missed their question, had to wash all the supper dishes to the accompaniment of the Townsend Band. Unable to tell what the colors in the flag stand for, Morton Klein of Fitchburg, Mass., accepted consequence of bathing and feeding Cadwalader, a baby seal. Winner of most bangles was an 18-year-old high school student, Douglas McKenzie, who made love to *Our Town's* Martha Scott while they sipped sodas in imaginary drugstore.

Biggest surprise of the evening came to Mrs. Doyle when Beulah the Buzzer doubted her word that her son, Danny, a Navy flier, was in Norfolk, Va. Twenty-one year old Danny, granted weekend leave, was hiding behind a curtain. After the program Mrs. Doyle served her guests lemonade and cookies on the front porch. To "Truth or Consequences" Master of Ceremonies Ralph Edwards she said, "Come back any time. See Mr. Doyle. You can bring the seal too."



Neat New England homestead saw many strange sights, heard much laughter, found seal, almost pray. Lost train elephant.



Cellar beams were braced by the program's production staff who feared flooring might give way. Rafters shook but not the floor.



LEVENTURES DID DISHES "TO BEAT THE BAND." QUESTION MISSED: "WHAT FOUR WORDS ARE ON ALL U. S. COINST" CADWALADER, THE SEAL, WAS BATHED AND FED IN AN OLD BATHTUB. AUDIENCE WAS SHIELDED BY CELLOPHANE SCREEN



CONTINUED ON NEXT PAGE

*"Van Heusen's a great shirt
for my money!"*



Van Heusen
Shirts. \$2.25
SHIRTS • COLLARS • TIES
PAJAMAS • SPORTSWEAR
© 1942 PHILLIPS-JONES CORP., N.Y.

Radio Broadcast (continued)



Pretty Martha Scott listens to high-school boy's stammering proposal while drinking sodas in an imaginary drugstore. The scene was reminiscent of her role in *Our Town*.



Sipping sodas after the program, Martha Scott tells Douglas McKenzie she too is a small-town girl. She is married to a radio director, has a four-month-old baby boy.



Mrs. Doyle's son Danny, Navy pilot stationed at Norfolk, Va., hides behind a curtain waiting to surprise his mother who didn't know he had been granted weekend leave.



Happy reunion for mother and son was part of the broadcast. This was the second time they had been together since Danny enlisted in Navy's V-5 course a year ago.



All Three...



NOT A PAIN.. NOT A STAIN

*Just Bask In The Sun
And Have All The Fun*

Wherever the sun shines, you'll find GABY protecting carefree men, women and children from painful sunburn. Try it... it's best for looks, because it's greaseless and invisible. Best for comfort, because it contains no alcohol to dry your skin. Best... under the sun... because GABY promotes a beautiful, even tan. A Double Money-Back Guarantee insures it!

DOUBLE MONEY-BACK GUARANTEE

If it doesn't prove 100% effective return to GABY, Philadelphia, Pa. ... and we'll cheerfully refund double the purchase price!



AMERICA'S MOST POPULAR SUNTAN LOTION

SALVAGE FASHION FAIR SHOWS HOW TO MAKE WEARABLE CLOTHES FROM SCRAPS

Thousands of U. S. women are experiencing for the first time the practical value of the adage "waste not, want not." To more than 500 salvage sewing workrooms of Bundles for America they are bringing torn bed sheets, discarded evening dresses, coats, men's shirts, shower curtains, bedspreads, draperies and anything which can be transformed into something wearable. The miracles performed by salvage sewers were exhibited last week at a national salvage fashion fair held in New York. Items: 17 pairs of children's drawers from one torn sheet (see below); peek-a-boo blouses from torn curtains; men's shorts from worn apron; child's blanket from a sample book of wool swatches, bedroom slippers from men's felt hats; leather jacket from old pocketbooks; bathing suit from old tablecloth.

Salvage sewing workrooms were organized at the suggestion of the Bureau of Industrial Conservation. The program calls for locating materials not being used to greatest advantage (e.g. mill ends which formerly were sold as old rags) and putting them to best use, as well as re-use of materials normally discarded. Clothing made in salvage sewing workrooms will be available for distribution to needy and serve as a ready reserve when the nation is faced with a clothing shortage. For further examples of clothing made from scrap heaps, turn page.



Seventeen pairs of drawers for children were made from a torn sheet (upper right). Rickrack trimming makes them look new and pretty. Children of members of West-

The new Breezewood Pipe



Everywhere today, pipe smokers are telling their friends: Get wise to America's very own pipe, Breezewood!

Yes, it's the big news in pipe smoking, and no wonder! In the heart of the Great Smoky mountains, they discovered an uncharted forest preserve of big old burls — and from these burls an incredibly light-in-weight pipe now comes — Breezewood. A Breezewood pipe weighs, on the average, less than an ounce and a quarter, complete with mouthpiece! Hold a Breezewood in your hand, feel how amazingly little it weighs. Then buy it — and smoke it! Discover what an amazingly sweet-smoking pipe this native-born, American Breezewood is. Buy your first Breezewood pipe today! In all traditional shapes, at your dealer's.



No wonder they were astonished! They all guessed too high! Actually the astounding new Breezewood pipe weighs, on an average, less than an ounce and a quarter!

The Breezewood Pipe

Free Your Hands for Other Tasks. Do your teeth get tired of clenching a pipe, so you have to take the pipe out of your mouth most of the time? Then get wise to this zephyr-weight Breezewood: you hardly know you've got it in your mouth!

COPYRIGHT 1942 THE BREEZEWOOD PIPE CO. 630 FIFTH AVE., N.Y.



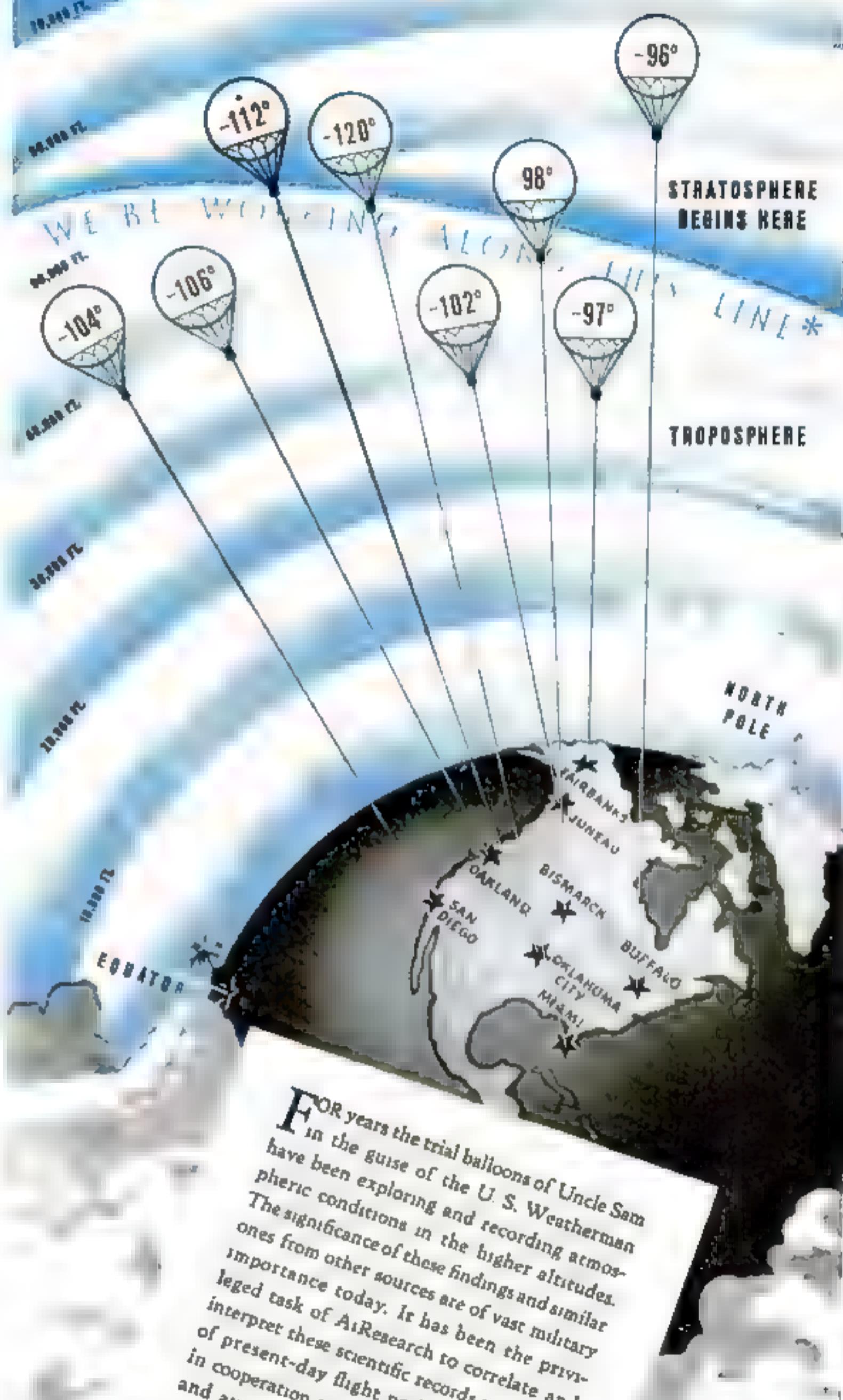
Torn bed sheet, too damaged to mend, would normally be ripped into rags. Salvage workrooms of Bundles for America stages using sheets for garments shown below.



chester (N. Y.) County chapter of Bundles for America modeled the parties. Other wearables which can be made from torn sheets are aprons, petticoats, men's shorts,

CONTINUED ON NEXT PAGE

TRIAL BALLOONS



FOR years the trial balloons of Uncle Sam in the guise of the U. S. Weatherman have been exploring and recording atmospheric conditions in the higher and similar ones from other sources are of vast military importance today. It has been the privileged task of AiResearch to correlate and interpret these scientific records into terms of present-day flight problems. Working in cooperation with our Military Services and airplane manufacturers, AiResearch engineers have developed and perfected vitally important Heat Transfer and Cabin Pressure Control Equipment. AiResearch today assures Air Superiority tomorrow.

AiResearch Manufacturing Company
Division of The Garrett Corporation
Inglewood, California

Tropopause, or dividing line between Stratosphere and Troposphere



AiResearch

NO OTHER AIRCRAFT IN THE WORLD CAN MATCH THE FIGHTING PERFORMANCE OF THE F-104 STARFIGHTER.

NEW CIGARETTE



Do you sometimes say to yourself "I've gotta cut down on my cigarettes?" Well... something marvelous has happened! A new cigarette has been created which enables you to *smoke all you want!* It's called Julep. And it is sold with this guarantee: Your money back if Juleps give you any of the 3 usual symptoms of over-smoking... smoke-weariness, parched throat, unpleasant tobacco-breath. What makes Juleps so different? They contain a hint of mint—so little that soon you don't taste it at all (except for the keener flavor of the tobacco), but enough to work wonders in keeping your mouth and throat at ease, your breath clean. So take this tip—switch to Julep.



Send Juleps to your boys in the armed forces

To Soldiers, Sailors, Marines in U.S.A.
or possessions \$1.25 Carton, postpaid
To Soldiers, Sailors, Marines in foreign
countries (no cigarette tax stamp required)
85¢ Carton, postpaid.

Order thru your dealer, shipment made by us,
PENN TOBACCO COMPANY, WILKES-BARRE, PA.

Salvage Fashions (continued)



Auto graveyard is raided. Women in Jerome, Idaho strip upholstery off seats. The Bureau of Conservation considers this a great untapped source for clothing materials.



Bathrobe and snow suit were made from the auto upholstery fabrics salvaged from old cars, thus raising issue that you probably can make a silk purse from a sow's ear.



Evening dresses with full skirts can be easily transformed into many garments. Mrs. Ernest V. Gent of Seneca Falls shows what happens to a dress left hanging in a closet.



Far better use of dress at top is to send it to salvage sewing room where a woman's suit, size 18, and hat, suit for old and dress for another child, can be made from it.



Here's a marvelous scientific product, SKOL, that actually filters out those rays of the sun that cause blisters and ugly, painful redness while it lets the tanning rays pass through.*

SKOL lets you get a glorious tan without painful burning, even if you are blond. Made after a formula first developed in Sweden for snowburn, SKOL contains an exclusive, patented form of tannic acid. Antiseptic, too!

SKOL is a quick-drying liquid. It doesn't pick up sand, doesn't make you messy, doesn't show. SKOL is not greasy, not oily. Be sure to apply before going into the sun. Use after each swim.

Relief! . . . SKOL also helps relieve painful sunburn and dry chapped skin.

Skol Company, Inc., New York

*Scientific tests prove that SKOL blocks out harmful burning rays—those below 3130AU—but lets the tanning rays—those above 3130AU—pass through.



NOT OILY—PREVENTS PAINFUL SUNBURN

SKOL is the largest selling non-oily suntan lotion in the world



Who's Going to Enslave "Who"?

This worker's answer is "no one"! In plants and on farms, he and other grim Americans are working and sweating for Freedom, standing solidly behind their buddies "over there"! Millions of these men *Rely on Reliance* Big Yank Work Shirts and Pants for extra wear and comfort on the job—just as our armed forces rely on Reliance-Made Parachutes, Mechanics' Suits, Fatigue Uniforms, Pants and Shirts, Underwear, Sailors' White Jumpers and Trousers.

RELIANCE MANUFACTURING COMPANY

212 W. Monroe St., Chicago, Ill.

MAKERS OF Aywon Dress Shirts • Universal Pajamas
Ensenada Suits • Happy Home Frocks • No-Tare Shorts



PICTURES TO THE EDITORS

PATRIOTIC SHEEP

Sirs

The picture below will probably look familiar to your insomniac readers. A photographer must be on his toes to catch the antics of these lambs as they clear the separating chute on their way

to be sheared. This photograph was taken at the sheep ranch of A. T. Spencer & Son, Gerber, Calif., where a new brand of sheep, known for its thick and long wool, is doing patriotic duty by providing raw material for Army & Navy uniforms.

MRS. F. T. ROBSON

Vina, Calif.



LITTLE ACORN

Sirs

These cars parked outside Jesselyn Gate at Vassar College point a moral both belong to sons of Eve. One owner has come to see his daughter, the other owner has come to see somebody else's daughter.

(We leave it to the reader to decide which is which.) By now the mighty oak has probably outgrown its gasoline ration, while the little acorn alongside will doubtless make a future appearance at the college.

DANFORD BARNEY

Litchfield, Conn.



FELINE PHENOMENON

Sirs

Eric the Red has blue blood in one branch of his family tree but there seem to have been monkeyshines in one of the others. While the imagery on the tip of his tail may not be significant, it presents

an interesting problem in whimsy. Whether lion or ape, this photographic vagary wasn't planned that way. It started out as a simple picture to show the old boy's dexterity in getting cream out of a small-necked pitcher.

WARREN M. LEE

Vermillion, S. D.



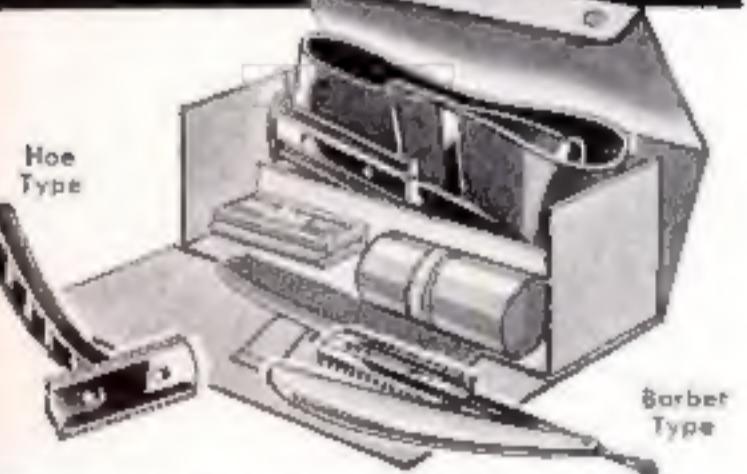
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86 PROOF
LARGEST SELLING RUMS
IN THE UNITED STATES
A Rum to Remember

FREE Write for
your copy of Carioca's handsome
party booklet:
"Recipes and Toads"
for Popular Hosts.

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AMERICAN SPIRITS Inc.
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Dept. A-5

**BUY WAR
BONDS AND
STAMPS** *For Victory*

**BLADE RATIONING
NO WORRY** *IF YOU
OWN THIS*



DURHAM SHAVE KIT

1. Ten hollow-ground, double-edge blades—over twice thicker, to take many stroppings. 2½ times more shaving edge.
2. Genuine leather strap—semi-automatic, triples life of these already long-life blades.
3. Your choice, barber type or hoe type safety razor. Specify type wanted. Both use same famous Durham Duplex blade.
4. In serviceable case with shaving stick and comb.
\$2.50 postpaid—Money-back guarantee.
Special—Only \$2 if sent to men in Armed Services. Mail orders only—while supply lasts.

DURHAM-ENDERS RAZOR CORP., Dept. L, MYSTIC, CONN.
Also makers of Enders Speed Shaver

PICTURES TO THE EDITORS (continued)

PERFECT FIT

Sir:

I am very proud of this photograph of my wife taken as she was about to leave for a "kid" party. She is wearing the same dress she wore 25 years ago, when she was 17. It fit her perfectly without one bit of alteration. Isn't this a record of some sort?

JACK MURRAY
Malta, Mont.



JEWELED PORTRAITS

Sir:

These portraits of the presidents contain from \$100,000 to \$200,000 of perfect gems each. The designer laid them out on plaques of peach-colored satin without guide lines of any sort.

J. C. WELLER
Elyria, Ohio



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Elyria, Ohio



Mobil SPECIALTIES

Help Make Your Car Last



1. "LIKE NEW" with **MOBILGLOSS**

You get two jobs done at once with Mobilgloss. It's double acting—cleans and polishes in one operation. First, it dissolves grease and grime, removes traffic film. Then it brings back the original color and lustre of the finish—leaves a beautiful long-lasting polish. Quick and easy to use; keeps your car looking young.



2. PRESERVE with **MOBILWAX**

Whenever an enduring wax finish is desired, use Mobilwax. This is a special blend of tough waxes emulsified in easy-to-apply cream form. Comes in a handy tube. It goes on easily, spreads evenly, and rubs up with little effort into a brilliant gloss...guards the finish for months. Makes it easier to keep your car clean.



Keep Your Cooling System "Sweet" with **MOBIL HYDROTONE**



A recommendation of Automotive engineers. Added to the radiator water, Mobil Hydrotone neutralizes corrosive action and treats the metal surfaces so that rust and corrosion are forestalled. This avoids leaking and clogging, and their consequent hazards to the engine.

Keep Your Upper Cylinders Lubricated

MOBIL UPPERLUBE

With its special ingredient, it reaches the engine cylinders as a vapor with the gasoline, producing an adsorbed film on the metal surfaces. It guards against scuffing and undue wear by providing lubrication during periods when the regular oil supply may be inadequate.



EVERY-
...at the Sign of

Mobil Stop-Leak
Mobil Penetrating Oil
Mobil Handy Oil
Mobil Hydraulic Brake Fluid



WHERE
Friendly Service

Mobil Window Spray
Mobil Spot Remover
Mobil Radiator Flush
Mobil Lustre Cloth



**"I'VE LEARNED THAT
PERSPIRATION IS ACID
...it *ROTS* silk stockings!"**

**ONLY IVORY SNOW
combines 2 advantages you'll
want in daily washing care!**

• Today you want to make those silk stockings of yours last as long as you possibly can! So, if you'd get as much as 20% more wear, heed this advice: Guard your stockings against acid perspiration *after every wearing*, with gentle, thorough-cleansing Ivory Snow!

But *be sure* you use only gentle Ivory Snow . . . it is really different . . . the **only** soap that combines 2 great advantages you'll want (see left).

Ivory Snow is something *new*. Not a flake . . . not a powder . . . it is made in dainty "snowdrop" form to give rich suds in 3 seconds, even in *cool* water! Acts quickly—in 2 minutes you'll be rid of acid perspiration and soil!



*Miss Ivory Snow Tells
HOW TO GET LONGER WEAR
FROM THOSE NEW RAYON STOCKINGS:*

1. Don't be careless—wash them in pure Ivory Snow suds after every wearing. Be sure to handle gently.
2. Avoid hot water—it's easy to get rich suds in *cool* water with Ivory Snow.
3. All-rayon stockings, and stockings in which rayon is combined with other fibres (silk, cotton, nylon), must be *thoroughly dry* before wearing.

TRADEMARK REG. U. S. PAT. OFF. & PROCTER & GAMBLE

RICH SUDS IN JUST 3 SECONDS—EVEN IN *COOL* WATER! 99%+% PURE



PICTURES TO THE EDITORS

(continued)

IMMORTAL SENIORS

Sirs:

The two niches flanking the entrance to Reading High School were designed to hold statues of some outstanding educators. But they have never been occupied,

so the graduating class of 1942 granted immortality for a day to its valedictorian and salutatorian, shown at right and left, respectively.

MATTHEW P. ROMANSKI
Reading, Pa.



CINDER HERO

Sirs:

This is a picture of Philip Golden, who is something of a hero to North Catholic High School students. It was taken as he competed in the 440-yard dash during the Catholic High School League cham-

pionships held here. The look of pain on his face is genuine, for it was caused by the fact that he had just lost his shoe and completed the race on a cinder track with one foot bare. He carried on for his team and came in third.

CHARLES JAMES
Philadelphia, Pa.



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"It's what everybody is asking for"

Your product is so tasty, young gentlemen, you'll find it hard to keep from drinking yourselves out of business.

Course, your mother won't mind how much Clicquot Club Ginger Ale you drink. She's glad you can have something that is always tasty and clean and pure and wholesome.

Clicquot is a swell drink for all of us—always mighty good just as it is. It's made from the finest

Jamaica ginger and excellent flavorings which are allowed to flavor-age at least six months. It takes time to blend ingredients and bring out that delicately tempting Clicquot taste. Quality is the word that always applies to Clicquot . . . the family-size bottle is a very economical buy. And any beverage that carries the Clicquot label is something good to have in the ice-box.



The Eskimo Boy says: A bottle of Clicquot is the "welcome" sign in any man's house.

CLICQUOT CLUB *Fifty Years a Favorite*

AT BREAKFAST . . . AT PARTIES . . . ALL DAY LONG

Say it with Shredded Ralston

IT'S BITE SIZE



BITE SIZE

READY TO EAT

Shredded
Ralston

Quick Party Trick . . . You can say "drop in any time" when you have Shredded Ralston cheese snacks handy. Stay fresh for days.

Cheese Appetizers—In pan over low heat, mix 2 tbsp. butter, $\frac{1}{2}$ tsp. Worcestershire sauce, few grains cayenne. Add 4 cups Shredded Ralston. Sprinkle with $\frac{1}{2}$ tsp. salt, $\frac{1}{4}$ cup grated Cheddar or Parmesan cheese. Fold over gently until all is coated. Cool.



Morning Magic . . . Say "Good Morning" with Shredded Ralston—crisp, bite size morsels of nourishing whole wheat. A cereal that wakes up drowsy appetites, thrills fussy eaters. Costs less per ounce than most nationally advertised ready-to-eat cereals, only half as much as some.



Tempting Snacks . . . Say "Keep Smiling" with these buttered-and-salted snacks—grand for parties—delicious as croutons in soups.



Buttered and Salted—Melt $\frac{1}{2}$ cup butter in skillet. Add package Shredded Ralston. Sprinkle with $1\frac{1}{2}$ tsp. salt. Stir while heating about 3 minutes.



3-Minute Candy . . . Delicious, wholesome Shredded Ralston candy says "Home Sweet Home" to youngsters and grownups, too.



Cinnamon Shredded Ralston—Melt $\frac{1}{2}$ cup butter in pan over medium heat. Add 2 cups Shredded Ralston. Stir well. Sprinkle with mixture of $\frac{1}{4}$ cup sugar, 1 tsp. cinnamon. Fold over gently until Shredded Ralston is coated—about 3 minutes.

